

# **TOWN OF MILLIS**

Millis Town Clerk Received

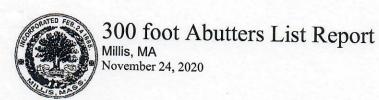
OFFICE OF THE PLANNING BOARD

900 Main Street • Millis, MA 02054 Phone: 508-376-7045 Fax: 508-376-7053

DEC 0 4 2020

SPECIAL PERMIT APPLICATION FOR/WITH SITE PLAN APPROVAL To the Millis Planning Board:

New DPW Building	Section XXII Municipal Overl  (applicant to fill in).
Applicant's Name Town of Mill	Company DPW
Address 900 Main Street	Email:jmckay@millisma.gov
Town Millis	State/Zip MA, 02054 Phone 508-376-5424
Property Location 7 Water Street M	
Assessors' Map 52	Parcel 19
Zoning District(s) Municipal Overla	
	ay
Address 900 Main Street	Department of Public Works (Millis Select Board)
Address 900 Main Street  Town Millis  Summary of work to be done:  Construct a staff/office space building	Department of Public Works (Millis Select Board)  State/Zip MA, 02054 Phone 508-376-7040
Address 900 Main Street  Town Millis  Summary of work to be done:  Construct a staff/office space building	Department of Public Works (Millis Select Board)  State/Zip MA, 02054 Phone 508-376-7040
Address 900 Main Street  Town Millis  Summary of work to be done:  Construct a staff/office space building	Department of Public Works (Millis Select Board)  State/Zip MA, 02054 Phone 508-376-7040
Address 900 Main Street  Town Millis  Summary of work to be done:  Construct a staff/office space building	Department of Public Works (Millis Select Board)  State/Zip MA, 02054 Phone 508-376-7040
Address 900 Main Street	Department of Public Works (Millis Select Board)  State/Zip MA, 02054 Phone 508-376-7040  Ing 2,300 square feet Iding of 2,900 square feet



#### Subject Property:

Parcel Number: CAMA Number:

0052-0019-0000 0052-0019-0000 Property Address: 7 WATER ST

Mailing Address:

TOWN OF MILLIS

ISLAND RD MILLIS, MA 02054

Abutters:

Parcel Number: CAMA Number: 0019-0156-0000 0019-0156-0000

Property Address: 57-59 DANIELS ST UNIT Unit 4

Mailing Address: CONDO MAIN

Parcel Number: CAMA Number:

0019-0156-0000 0019-0156-000A

Property Address: 57 DANIELS ST UNIT 1 Mailing Address:

TRAMONTOZZI ELIZABETH

837 N VISTA ST

LOS ANGELES, CA 90046

Parcel Number: CAMA Number: 0019-0156-0000 0019-0156-000B

Property Address: 57 DANIELS ST UNIT 2

Mailing Address: REEM PROPERTY LLC

168 E-MAIN ST #A

NORTHBOROUGH, MA 01532

Parcel Number: CAMA Number:

0019-0156-0000 0019-0156-000C

Property Address: 57 DANIELS ST UNIT 3

Mailing Address:

**FATHI HOSSEIN** 

40 ABERDEEN RD

FRAMINGHAM, MA 01702

Parcel Number: CAMA Number:

0019-0156-0000 0019-0156-000D

Property Address: 57 DANIELS ST UNIT 4

Mailing Address:

COLANTROPO CYNTHIA TTEE THE

CYNTHIA J. COLANTROPO TRUST

24 FLORISSANT AVE FRAMINGHAM, MA 01701

Parcel Number: CAMA Number: 0019-0156-0000 0019-0156-000E

Property Address: 57 DANIELS ST UNIT 5

Mailing Address:

**EVANS PHILIP G** 

57 DANIELS ST UNIT 5 MILLIS, MA 02054

Parcel Number: CAMA Number:

0019-0156-0000 0019-0156-000F

Property Address: 57 DANIELS ST UNIT 6

Property Address: 59 DANIELS ST UNIT 1

Mailing Address:

HALLORAN DANIEL R 57 DANIELS ST UNIT 6

MILLIS, MA 02054

Parcel Number: CAMA Number:

0019-0156-0000 0019-0156-000G

Mailing Address:

MB/RE RENTALS LLC

19 FIELD RD

MEDWAY, MA 02053

Parcel Number: CAMA Number:

0019-0156-0000

0019-0156-000H Property Address: 59 DANIELS ST UNIT 2 Mailing Address:

THE UMA MALLIKHARJUNA

FOUNDATION, INC. 1 NAVAHO DRIVE **CANTON, MA 02021** 

Parcel Number:

0019-0156-0000

Mailing Address:

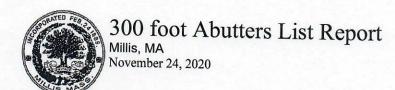
O'NEILL JOHN F

59 DANIELS ST UNIT 3 MILLIS, MA 02054

CAMA Number:

0019-0156-0001

Property Address: 59 DANIELS ST UNIT 3



Parcel Number: CAMA Number:

0019-0156-0000 0019-0156-000J

Property Address: 59 DANIELS ST UNIT 4

Mailing Address: MB RE RENTALS LLC

19 FIELD RD

MEDWAY, MA 02053

Parcel Number: CAMA Number: 0019-0156-0000 0019-0156-000K

Property Address: 59 DANIELS ST UNIT 5

Mailing Address:

**BUSCH JESSICA** 59 DANIELS ST UNIT 5 MILLIS, MA 02054

Parcel Number: CAMA Number:

0019-0156-0000 0019-0156-000L

Property Address: 59 DANIELS ST UNIT 6

Mailing Address:

QUINNAN SCOTT & QUINNAN MARY

ANNE

59 DANIELS ST UNIT 6 MILLIS, MA 02054

Parcel Number: CAMA Number:

0022-0029-0000 0022-0029-0000 Property Address: MAIN ST

Mailing Address:

HARKEY PETER 256 ORCHARD ST

MILLIS, MA 02054

Parcel Number: CAMA Number:

0024-0017-0000 0024-0017-0000 Property Address: 53 DANIELS ST

Mailing Address:

OREILLY MARK E & KAREN A

53 DANIELS ST MILLIS, MA 02054

Parcel Number: CAMA Number:

0024-0018-0000 0024-0018-0000 Property Address: 45 DANIELS ST

Mailing Address:

KOSH JOSEPH JR KOSH MARY L

45 DANIELS ST **MILLIS, MA 02054** 

Parcel Number: **CAMA Number:** 

0024-0019-0000 0024-0019-0000

Property Address: 21-35 DANIELS ST UNIT Unit 19

Mailing Address: CONDO MAIN

Parcel Number: CAMA Number: 0024-0019-0000 0024-0019-000A

Property Address: 21 DANIELS ST UNIT 1

Mailing Address:

LEVERONI CHRISTINE (MILLER)

KINGSBURY CHRISTINE 21 DANIELS ST UNIT 1 MILLIS, MA 02054

Parcel Number: CAMA Number:

0024-0019-0000 0024-0019-000B

Property Address: 23 DANIELS ST UNIT 2

Mailing Address:

LEARY NANCY A 23 DANIELS ST UNIT 2

MILLIS, MA 02054

Parcel Number: CAMA Number:

0024-0019-0000 0024-0019-000C

Property Address: 25 DANIELS ST UNIT 3

Mailing Address:

**BUCKLEY SHANNON** 

25 DANIELS ST UNIT 3 MILLIS, MA 02054

Parcel Number: CAMA Number:

0024-0019-0000 0024-0019-000D

Mailing Address:

WEBSTER STEVEN & HOLLY M

27 DANIELS ST UNIT 4 **MILLIS, MA 02054** 

Parcel Number: CAMA Number:

0024-0019-0000 0024-0019-000E

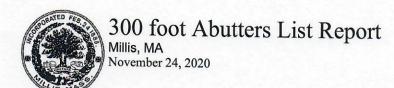
Mailing Address:

HYSLOP, MELISSA 29 DANIELS ST UNIT 5

MILLIS, MA 02054

Property Address: 29 DANIELS ST UNIT 5

Property Address: 27 DANIELS ST UNIT 4



Parcel Number: CAMA Number: 0024-0019-0000 0024-0019-000F

Property Address: 31 DANIELS ST UNIT 6 Mailing Address: SANFORD WILLIAM F

31 DANIELS ST UNIT 6 **MILLIS, MA 02054** 

Parcel Number: CAMA Number:

Property Address:

0024-0019-0000 0024-0019-000G 33 DANIELS ST UNIT 7

Mailing Address:

FOSTER TIMOTHY C 33 DANIELS ST UNIT 7

MILLIS, MA 02054

Parcel Number: CAMA Number:

0024-0019-0000 0024-0019-000H Property Address: 35 DANIELS ST UNIT 8

Mailing Address:

DONOVAN KATELYN

35 DANIELS ST UNIT 8 MILLIS, MA 02054

Parcel Number: **CAMA Number:** Property Address: 40 RAILROAD AVE

0024-0153-0000 0024-0153-0000

Mailing Address:

HOWIE MILLIS LLC 171 MAIN ST #204

ASHLAND, MA 01721

Parcel Number: CAMA Number:

0025-0001-0000 0025-0001-0000 Property Address: RAILROAD AVE

Mailing Address:

WOODLAND LLC C/O TRESCA SAND &

**GRAVEL INC** 66 MAIN ST **MILLIS, MA 02054** 

Parcel Number: CAMA Number:

0025-0002-0000 0025-0002-0000 Property Address: **COTTAGE AVE** 

Mailing Address:

WOODLAND LLC C/O TRESCA SAND &

**GRAVEL INC** 66 MAIN ST MILLIS, MA 02054

Parcel Number: CAMA Number:

0025-0135-0000 0025-0135-0000 Property Address: 50 RAILROAD AVE

Mailing Address:

FLINT BRUCE & KAREN

50 RAILROAD AVE **MILLIS, MA 02054** 

Parcel Number: CAMA Number:

0052-0009-0000 0052-0009-0000 Property Address: ISLAND RD

Mailing Address:

TOWN OF MILLIS

ISLAND RD MILLIS, MA 02054

Parcel Number: CAMA Number:

0052-0010-0000 0052-0010-0000 Property Address: WATER ST

Mailing Address:

TOWN OF MILLIS 900 MAIN ST **MILLIS, MA 02054** 

Parcel Number: CAMA Number:

0052-0014-0000 0052-0014-0000 Property Address: WATER ST

Mailing Address:

TOWN OF MILLIS

WATER ST MILLIS, MA 02054

Parcel Number: **CAMA Number:** 

0052-0015-0000 0052-0015-0000 Property Address: WATER ST

Mailing Address:

TOWN OF MILLIS

WATER ST **MILLIS, MA 02054** 

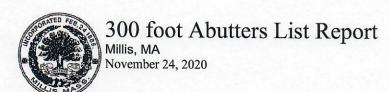
Parcel Number: CAMA Number:

0052-0017-0000 0052-0017-0000 Property Address: 7 WATER ST

Mailing Address:

TOWN OF MILLIS ISLAND RD **MILLIS, MA 02054** 

CAI Technologie

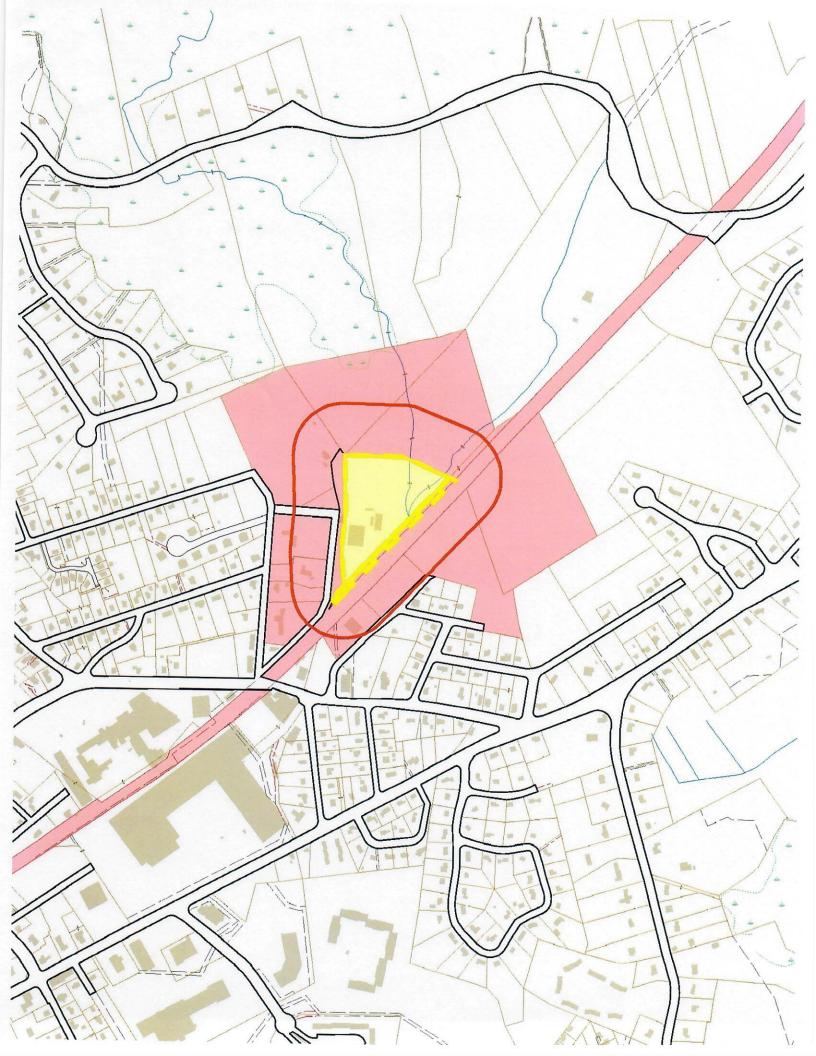


Parcel Number: **CAMA Number:** 

0052-0018-0000 0052-0018-0000 Property Address: WATER ST

Mailing Address: TOWN OF MILLIS WATER ST

MILLIS, MA 02054



## GENERAL CIVIL NOTES:

#### PART 1 - GENERAL REQUIREMENTS AND DESIGN CRITERIA

- 1.1 SCOPE OF WORK REFER TO SPECIFICATION SECTION 011000 SUMMARY FOR DESCRIPTION OF WORK PHASES, WORK REQUIRED UNDER THIS CONTRACT, AND WORK PERFORMED BY THE TOWN OF MILLIS DPW ("BY OTHERS"):
- A. PROVIDE TEMPORARY FACILITIES AND CONSTRUCTION FENCING.
- B. INSTALL ALL NECESSARY EROSION AND SEDIMENTATION CONTROLS.
- C. DEMOLISH (E) HMA PAVEMENT AND APPURTENANCES AND REMOVE UNSUITABLE MATERIAL. D. REMOVE AND DISPOSE OR REMOVE AND RELOCATE (E) UTILITIES AS SHOWN ON THE DRAWINGS.
- E. CONSTRUCT (P) BUILDINGS.
- F. INSTALL (P) UTILITIES FOR BUILDING SERVICES, NEW DRAINAGE LINE, AND DRAINAGE SYSTEM AS SHOWN ON THE DRAWINGS.
- G. MODIFY RETENTION BASIN.
- H. INSTALL (P) CURBING AND WALKS.
- PREPARE PAVEMENT SUBGRADE AND INSTALL HMA PAVEMENT STRIPING AS SHOWN ON THE DRAWINGS.
- J. INSTALL (P) RIP RAP BERMS ON THE NORTHWEST LAYDOWN YARD.
- K. INSTALL (P) LANDSCAPE AND SURFACE TREATMENTS.

#### 1.2 GENERAL

- A. ALL REFERENCES TO "BY OTHERS" SHALL MEAN TOWN OF MILLIS DPW UNLESS OTHERWISE NOTED.
- B. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS REQUIRED FOR CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, TEMPORARY PEDESTRIAN FACILITIES & TEMPORARY FENCING AND SITE ACCESS
- CONTRACTOR TO COORDINATE WITH TOWN OF MILLIS ON REQUIREMENTS.
- C. CONTRACTOR IS REQUIRED TO PREPARE A STORMWATER POLLUTION PREVENTION PLAN & FILE FOR COVERAGE UNDER THE NPDES CONSTRUCTION GENERAL PERMIT D. DEFICIENT WORK AND/OR WORK NOT IN CONFORMANCE WITH THE CONTRACT DOCUMENTS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPENSATE THE CLIENT FOR SERVICES
- ARISING FROM DEFICIENT WORK, REVIEW OF MODIFICATIONS/CONTRACTOR SUBSTITUTION, OR EXPEDITING OF SUBMITTALS.
- E. COST OF INVESTIGATION AND/OR REDESIGN INCURRED BY THE ENGINEER OF RECORD DUE TO CONTRACTOR ERRORS WILL BE AT THE CONTRACTOR'S EXPENSE
- F. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE CODES AND LOCAL REQUIREMENTS. CONTRACTOR MUST COMPLY WITH CONTRACTOR REGISTRATION REQUIREMENTS OF ALL GOVERNING AUTHORITIES AND ALL WORKER SAFETY STANDARDS. WORK SHALL NOT COMMENCE UNTIL ALL PERMITS REQUIRED FOR THE SUBJECT PORTION OF THE WORK ARE OBTAINED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL REQUIRED PERMITS AND/OR EVIDENCE OF COMPLIANCE WITH APPLICABLE REGULATIONS ON SITE AT ALL TIMES DURING THE EXECUTION OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING
- ANY AND ALL CONSTRUCTION PERMITS NOT FURNISHED BY THE OWNER, PRIOR TO THE START OF ANY CONSTRUCTION. ALL FEES AND PERMITS SHALL BE PAID FOR BY THE CONTRACTOR G. APPROVED PLANS SHALL BE KEPT IN A PLAN BOX. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. CONTRACTOR SHALL MAINTAIN ONE COMPLETE SET OF PLANS ON THE PREMISES IN GOOD
- CONDITION AT ALL TIMES. THIS SHALL INCLUDE ALL ADDENDA AND CHANGE ORDERS. H. CONTRACTOR IS TO PROTECT ALL SITE FEATURES INDICATED TO REMAIN INCLUDING BUT NOT LIMITED TO CURBS, PAVEMENT, SIGNS, LANDSCAPED AREAS, ETC. AND IS TO RESTORE ANY FEATURES THAT ARE
- DISTURBED BY THE CONTRACTOR'S OPERATIONS TO THEIR ORIGINAL CONDITION OR BETTER. I. CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL WHILE WORKING IN PUBLIC AND PRIVATE ROW OR ADJOINING PROPERTIES. ALL SIGNAGE AND TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN
- ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATIONS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, ANY APPLICABLE MASSDOT TRAFFIC CONTROL DESIGN CRITERIA, OR REQUIREMENTS OF THE TOWN OF MILLIS AS APPLICABLE
- J. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY. SPECIAL PRECAUTIONS MAY BE REQUIRED IN THE VICINITY OF POWER LINES AND OTHER UTILITIES. K. TRUCKING ON OR ABOUT THE SITE WILL BE PERMITTED ONLY WITHIN REASONABLE LIMITS AND THE CONTRACTOR SHALL NOT UNREASONABLY ENCUMBER THE PREMISES WITH EQUIPMENT AND MATERIALS. THE
- STORAGE SHALL BE CONFINED TO SUCH LIMITS AS MAY BE JOINTLY AGREED UPON BY THE TOWN OF MILLIS AND CONTRACTOR. L. FOR CONSTRUCTION DETAILS NOT SHOWN, USE THE MANUFACTURER'S APPROVED SHOP DRAWINGS / DATA SHEETS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND LOCAL REGULATIONS.
- M. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCHMARKS NECESSARY FOR THE WORK.

#### 1.3 EXISTING CONDITIONS, SURVEY, ELEVATIONS, & DIMENSIONS

- A. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTORS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. DIMENSIONS AND ELEVATIONS NOTED IN THE CONTRACT DOCUMENTS AS (+/-) AND ALL FIELD CONDITIONS SHALL BE VERIFIED IN THE FIELD (VIF) BY THE CONTRACTOR PRIOR TO THE SUBMISSIONS OF SHOP DRAWINGS. UPON RECEIPT OF SHOP DRAWINGS, THE ENGINEER HAS THE RIGHT TO ASSUME THAT ALL FIELD DIMENSIONS, ELEVATIONS AND CONDITIONS HAVE BEEN VERIFIED BY THE CONTRACTOR AND THAT THE SHOP DRAWINGS ACCURATELY REFLECT SUCH VERIFICATIONS UNLESS STATED OTHERWISE ON THE SHOP DRAWINGS. CONTRACTOR
- SHALL SPECIFY COMPONENTS TO BE CUT TO FIT IN FIELD ON SHOP DRAWINGS. B. ALL EXISTING CONDITIONS AND PROPERTY LINE INFORMATION ARE TAKEN FROM AN ELECTRONIC CAD FILE PREPARED BY MERIDIAN ASSOCIATES DATED DECEMBER 27, 2019.
- C. ALL ELEVATIONS INDICATED ON PLANS ARE REFERENCED TO NAVD88 DATUM.
- D. HORIZONTAL DATUM IS BASED ON MASS GRID SYSTEM, NAD 83.
- E. A PORTION OF THE SITE IS LOCATED IN FLOOD ZONE AE AND IS SUBJECT TO INUNDATION BY THE 1% ANNUAL FLOOD HAZARD...

#### 1.4 BUILDING CODES AND REFERENCED STANDARDS

- A. MASSACHUSETTS STATE BUILDING CODE, 9TH EDITION, WHICH ADOPTS AND AMENDS THE 2015 INTERNATIONAL BUILDING CODE AND THE 2015 INTERNATIONAL EXISTING BUILDING CODE.
- B. 2010 STANDARDS FOR ADA DESIGN, DEPARTMENT OF JUSTICE, 15 SEPTEMBER 2010

- C. 521 CMR 5.00, ARCHITECTURAL ACCESS BOARD, DATED 27 JAN 2006

#### 1.5 QUALITY ASSURANCE

- A. THE CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH ALL APPLICABLE LAWS, AND REGULATIONS OF THE TOWN OF MILLIS AND WITH ALL OTHER AUTHORITIES HAVING JURISDICTION. ALL SUCH REQUIREMENTS SHALL TAKE PRECEDENCE OVER THE REQUIREMENTS OF THE SPECIFICATIONS EXCEPT IN CASES WHERE THE REQUIREMENTS OF THE SPECIFICATIONS
- ARE MORE EXACTING OR STRINGENT. B. TESTING OF MATERIALS AND INSPECTIONS OF INSTALLED WORK SHALL BE COMPLETED THROUGHOUT THE DURATION OF THE PROJECT, AS REQUIRED BY THE SPECIFICATIONS OR DIRECTED BY THE CIVIL EOR AND/OR THE TOWN OF MILLIS. THE TOWN RESERVES THE RIGHT TO PERFORM INSPECTIONS AND TESTING AT ANY TIME DURING THE EXECUTION OF WORK. CONTRACTOR SHALL
- PROVIDE FREE AND SAFE ACCESS TO ALL RECORDS, MATERIAL STOCKPILES, AND FACILITIES FOR THE CIVIL EOR AND/OR TOWN INSPECTORS. C. THE TESTING AGENCY SHALL SUBMIT THE RESULTS OF ALL REQUIRED EARTHWORKS TESTING TO THE CIVIL EOR AND OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL.

## PART 2 - SITE PREPARATION AND TEMPORARY EROSION AND SEDIMENTATION CONTROL

- 2.1 SCOPE OF WORK REFER TO SPECIFICATION SECTION 011000 SUMMARY FOR DESCRIPTION OF WORK PHASES, WORK REQUIRED UNDER THIS CONTRACT, AND WORK PERFORMED BY THE TOWN OF MILLIS DPW ("BY OTHERS"):
- A. INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES AS SHOWN ON THE DRAWINGS. B. REMOVE EROSION AND SEDIMENTATION CONTROL MEASURES ONCE ALL SITE WORK IS COMPLETE AND FINAL GROUND COVER IS ESTABLISHED.

## 2.2 GENERAL

A. SEE C0.02 E & S NOTES.

# 2.3 REQUIREMENTS

A. REFER TO SECTION 020050 - EROSION AND SEDIMENTATION CONTROL FOR DETAILED SUBMITTAL, MATERIALS, AND EXECUTION REQUIREMENTS.

# PART 3 – DEMOLITION, EARTHWORK, AND GRADING

- 3.1 SCOPE OF WORK REFER TO SPECIFICATION SECTION 011000 SUMMARY FOR DESCRIPTION OF WORK PHASES, WORK REQUIRED UNDER THIS CONTRACT, AND WORK PERFORMED BY THE TOWN OF MILLIS DPW ("BY OTHERS"):
- A. REMOVE AND DISPOSE/SALVAGE UTILITY POLES, FLAG POLES, EXISTING STRUCTURES, ETC. AS INDICATED ON THE PLANS. B. SAWCUT, REMOVE & DISPOSE BITUMINOUS ASPHALT, CONCRETE AND UNSUITABLE MATERIAL AS INDICATED.
- C. REMOVE DEMOLISHED MATERIALS, SURPLUS SOIL MATERIAL, AND WASTE MATERIALS, INCLUDING TRASH AND DEBRIS, AND LEGALLY DISPOSE THEM OFF SITE.
- D. HANDLE ALL SOILS ACCORDING TO THE SOILS MANAGEMENT PLAN FOR THE SITE AND AS DIRECTED BY THE LSP.
- E. EXCAVATE FOR (P) DRAIN STRUCTURES, PIPING, AND UTILITIES. F. COMPACT SUBGRADE AND INSTALL BACKFILL FOR (P) DRAINAGE STRUCTURES AND UTILITIES.
- G. BACKFILL UTILITY TRENCHES.
- H. PERFORM FINE GRADING, PREPARE AND COMPACT SUBGRADE, AND INSTALL AND COMPACT GRAVEL BASE AT SIDEWALK AND ASPHALT AREAS

# 3.2 GENERAL

- A. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, THE OWNER, AND UTILITY COMPANIES AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO NOTIFY DIG-SAFE AT LEAST 72 HOURS PRIOR TO EXCAVATION. DIG-SAFE CAN BE CONTACTED AT 1-888-344-7233, FAX 1-800-322-4844.
- B. DO NOT INTERRUPT UTILITIES SERVING OWNER'S FACILITIES, OR OTHER FACILITIES UNLESS PERMITTED IN WRITING BY OWNER, UTILITY OWNER, AND OWNER OF FACILITIES BEING SERVED BY THE UTILITY. PROVIDE TEMPORARY UTILITY SERVICES AS REQUIRED.
- C. PROTECT ALL OPEN TRENCHES AND EXCAVATIONS UNLESS IN AREAS OF ACTIVE CONSTRUCTION.
- D. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING ALL EXISTING UTILITIES WITHIN PROPOSED AREAS OF EXCAVATION PRIOR TO CONSTRUCTION AND TAKE PRECAUTION TO NOT DAMAGE ANY
- EXISTING UTILITIES AS PART OF THE PROPOSED WORK. WORK IN THE IMMEDIATE VICINITY ONLY UPON DIRECTION BY THE TOWN OF MILLIS AND LSP.
- E. STOP WORK IN THE VICINITY OF SUSPECTED CONTAMINATED SOIL. IMMEDIATELY NOTIFY THE OWNER & LSP SO THAT APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN. RESUME

F. THE CONTRACTOR SHALL EXERCISE CARE WHEN OPERATING EQUIPMENT ADJACENT TO (E) STRUCTURES SO AS NOT TO CAUSE DAMAGE OR DISPLACEMENT. IF THE CONTRACTOR'S PLACEMENT

AND COMPACTION OPERATIONS RESULT IN DAMAGE TO THE STRUCTURES, THE CONTRACTOR SHALL BE REQUIRED TO REPAIR ALL DAMAGE AT NO ADDITIONAL COST TO THE OWNER.

- G. UNIFORMLY MOISTEN OR AERATE EACH SUBSEQUENT BACKFILL SOIL LAYER BEFORE COMPACTION TO WITHIN 2% OF OPTIMUM MOISTURE CONTENT. WHEN MOISTURE CONTENT IS EXCESSIVE, DEFER COMPACTION UNTIL THE MATERIAL HAS DRIED TO SUITABLE MOISTURE CONTENT. NATURAL DRYING MAY BE ACCELERATED BY MANIPULATION TO INCREASE THE RATE OF EVAPORATION, OR BY BLENDING SIMILAR MATERIALS FROM A DRY STOCKPILE. IF DRYING IS ACCOMPLISHED BY BLENDING IN A DRY MATERIAL, TAKE CARE NOT TO EXCEED THE SPECIFIED MAXIMUM LAYER THICKNESS FOR COMPACTION. REMOVE ANY EXCESS MATERIAL FROM THE LAYER BEFORE COMPACTION.
- H. PROPOSED GRADES TO BLEND SMOOTHLY WITH EXISTING GRADES.
- I. NO SLOPE SHALL EXCEED A 3:1 SLOPE.

#### 3.3 REQUIREMENTS

- A. REFER TO SECTION 312000 EARTHWORK FOR DETAILED QA/QC SUBMITTAL, MATERIALS, AND EXECUTION REQUIREMENTS
- B. REFER TO SECTION 312319 DEWATERING FOR DETAILED QA/QC SUBMITTAL, MATERIALS, AND EXECUTION REQUIREMENTS

#### PART 4 - DEWATERING

- 4.1 SCOPE OF WORK REFER TO SPECIFICATION SECTION 011000 SUMMARY FOR DESCRIPTION OF WORK PHASES, WORK REQUIRED UNDER THIS CONTRACT, AND WORK PERFORMED BY THE TOWN OF MILLIS DPW ("BY OTHERS"): A. DEWATERING FOR THIS PROJECT INCLUDES DESIGNING, FURNISHING, INSTALLING, TESTING, OPERATING, MONITORING, AND MAINTAINING DEWATERING SYSTEMS OF SUFFICIENT SCOPE, SIZE,
- AND CAPACITY TO CONTROL GROUNDWATER LEVELS DURING CONSTRUCTION AND TO LOWER, CONTROL, REMOVE, TREAT, AND DISPOSE OF GROUND WATER AND ALLOW EXCAVATION AND CONSTRUCTION TO PROCEED ON DRY, STABLE SUBGRADES.
- B. DEWATERING SHALL BE INSTALLED AS REQUIRED FOR EARTHWORK OPERATIONS AND ASSOCIATED CONSTRUCTION.
- C. PROVIDE STANDBY EQUIPMENT AND POWER SUPPLY FOR MAINTAINING UNINTERRUPTED CONSTRUCTION DEWATERING.
- D. INSTALL, MEASURE, RECORD, AND REPORT WATER LEVELS IN GROUNDWATER OBSERVATION WELLS.
- E. MONITOR QUALITY OF DISCHARGE FROM DEWATERING SYSTEM TO DETERMINE IF SOIL PARTICLES ARE BEING REMOVED FROM THE SYSTEM.
- F. TAKE MEASURES TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, UTILITY LINES, AND OTHER WORK RESULTING FROM DEWATERING OPERATIONS. MODIFY THE SYSTEM IF, AFTER INSTALLATION AND WHILE IN OPERATION, IT CAUSES OR THREATENS TO CAUSE DAMAGE TO EXISTING BUILDINGS, STRUCTURES, UTILITIES, OR FACILITIES. REPAIR DAMAGE, DISRUPTION, OR INTERFERENCE RESULTING DIRECTLY OR INDIRECTLY FROM DEWATERING OPERATIONS AS APPROVED BY ITS OWNER.
- G. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM FEDERAL, STATE, AND LOCAL AGENCIES FOR OPERATION OF THE DEWATERING SYSTEM AND DISPOSAL OF THE DEWATERING EFFLUENT (REFER TO SPECIFICATION 312319 - DEWATERING).
- H. DESIGN OF DEWATERING AND TREATMENT SYSTEM SHALL BE BY A QUALIFIED PROFESSIONAL ENGINEER, REGISTERED IN THE COMMONWEALTH OF MASSACHUSETTS, AS SPECIFIED IN SPECIFICATION SECTION 312319 - DEWATERING.
- I. PROVIDE A DEWATERING PLAN AS SPECIFIED IN SPECIFICATION SECTION 312319 DEWATERING. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CONTRACTOR'S APPROVED DEWATERING PLAN.
- J. GROUNDWATER LEVELS INSIDE THE EXCAVATION SHALL BE MAINTAINED A MINIMUM OF 2 FT BELOW THE BOTTOM OF EXCAVATION.
- K. COORDINATE ALL DEWATERING WORK WITH EXCAVATION SUPPORT AND PROTECTION SYSTEMS, AND EXCAVATION AS NECESSARY.

## 4.2 REQUIREMENTS

## A. REFER TO SECTION 312319 - DEWATERING FOR DETAILED DESIGN, SUBMITTAL, MATERIALS, AND EXECUTION REQUIREMENTS

#### PART 5 - DRAINAGE AND SEWER SYSTEMS

- 5.1 SCOPE OF WORK REFER TO SPECIFICATION SECTION 011000 SUMMARY FOR DESCRIPTION OF WORK PHASES, WORK REQUIRED UNDER THIS CONTRACT, AND WORK PERFORMED BY THE TOWN OF MILLIS DPW ("BY OTHERS"): A. INSTALL PROPOSED DETENTION, CB'S, DMH'S, CO'S, WQS'S, AND ASSOCIATED DRAINS AS SHOWN ON THE DRAWINGS.
- B. CONSTRUCT (P) DRAINAGE SYSTEM AS INDICATED.
- C. INSTALL (P) SMH'S AND ASSOCIATED SANITARY SEWERS AS SHOWN ON THE DRAWINGS.

A. CONSTRUCTION SHALL PROCEED SUCH THAT ALL STORMWATER FACILITIES WITHIN A WATERSHED AREA ARE IN PLACE AND OPERATIONAL PRIOR TO CONSTRUCTION OF IMPERVIOUS SURFACES WITHIN THAT AREA.

## 5.3 REQUIREMENTS

A. REFER TO SECTION 334100 - DRAINAGE AND SEWER SYSTEMS FOR DETAILED QA/QC SUBMITTAL, MATERIALS, AND EXECUTION REQUIREMENTS.

## PART 6 - UTILITIES

6.1 SCOPE OF WORK - REFER TO SPECIFICATION SECTION 011000 - SUMMARY FOR DESCRIPTION OF WORK PHASES, WORK REQUIRED UNDER THIS CONTRACT, AND WORK PERFORMED BY THE TOWN OF MILLIS DPW ("BY OTHERS"): A. CUT AND CAP, R&D, AND INSTALL UTILITIES AS SHOWN ON THE DRAWINGS

# 6.2 GENERAL

- A. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UTILITY CONNECTION POINTS SHOWN ON PLAN PRIOR TO STARTING CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER AND OWNER OF ANY DISCREPANCIES FOUND.
- B. PROTECT ALL NEW AND EXISTING UTILITIES DURING CONSTRUCTION.
- C. ADJUSTMENT OF INLETS, JUNCTION BOXES, MANHOLE FRAMES, COVERS/GRATES, WATER VALVES, WATER METERS, GAS METERS, ETC., SHALL BE INCLUDED IN THE CONTRACTOR'S BID AND NO CLAIM SHALL BE MADE AGAINST THE OWNER OR ENGINEER FOR THESE ADJUSTMENTS, IF REQUIRED.
- D. ALL UTILITIES SHALL BE KEPT IN OPERATION EXCEPT WITH THE EXPRESS WRITTEN CONSENT OF THE UTILITY OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE EXISTING UTILITIES AND ANY AND ALL DAMAGE TO EXISTING UTILITIES AS A RESULT OF THE CONTRACTOR'S ACTIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

#### 6.3 REQUIREMENTS A. REFER TO SECTION 026500 - EXISTING SITE UTILITIES FOR DETAILED EXECUTION REQUIREMENTS.

PART 7 - HMA PAVEMENT

7.1 SCOPE OF WORK - REFER TO SPECIFICATION SECTION 011000 - SUMMARY FOR DESCRIPTION OF WORK PHASES, WORK REQUIRED UNDER THIS CONTRACT, AND WORK PERFORMED BY THE TOWN OF MILLIS DPW ("BY OTHERS"):

B. REFER TO SECTION 027130 - EXTERIOR WATER DISTRIBUTION SYSTEMS FOR DETAILED QA/QC SUBMITTAL, MATERIALS, AND EXECUTION REQUIREMENTS.

- A. INSTALL GRAVEL BASE
- B. FULL DEPTH HMA PAVING AT (P) PARKING LOT AND (P) DRIVEWAYS. SEE PLANS FOR LIMITS.
- 7.2 STANDARD SPECIFICATIONS AND REFERENCE STANDARDS A. REFER TO SECTION 321216 - BITUMINOUS CONCRETE PAVEMENT FOR DETAILED MATERIALS,
- AND EXECUTION REQUIREMENTS B. REFER TO MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES 1988.

D. REFER TO MASSDOT 2016 INTERIM SUPPLEMENTAL SPECIFICATIONS.

C. REFER TO MASSDOT SUPPLEMENTAL SPECIFICATIONS TO THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.

MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES RENOVATIONS &** 

**ADDITIONS** 

7 WATER ST MILLIS, MA 02054

TAYLOR & BURNS ARCHITECTS **58 WINTER STREET** BOSTON, MA 02108

Phone: 617-357-5335

www.TaylorBurns.com

Fax: 617-354-5654

**CIVIL & STRUCTURAL ENGINEERS** 



MECHANICAL ELECTRICAL

www.sgh.com

PLUMBING ENGINEERING **GARCIA GALUSKA & DESOUSA** 

main: 781.907.9000 fax; 781.907.9009

CONSULTING ENGINEERS INC. 375 Faunce Road Suite D Dartmouth, MA 02747 Phone: 508-998-5700

GEOTECHNICAL ENGINEER

Fax: 508-998-0883

www.g-g-d.com

**NOBIS ENGINEERING** 

18 Chenell Drive Concord, NH 03301 Phone: 603-513-1019 www.nobis-group.com

KEY PLAN

DESCRIPTION

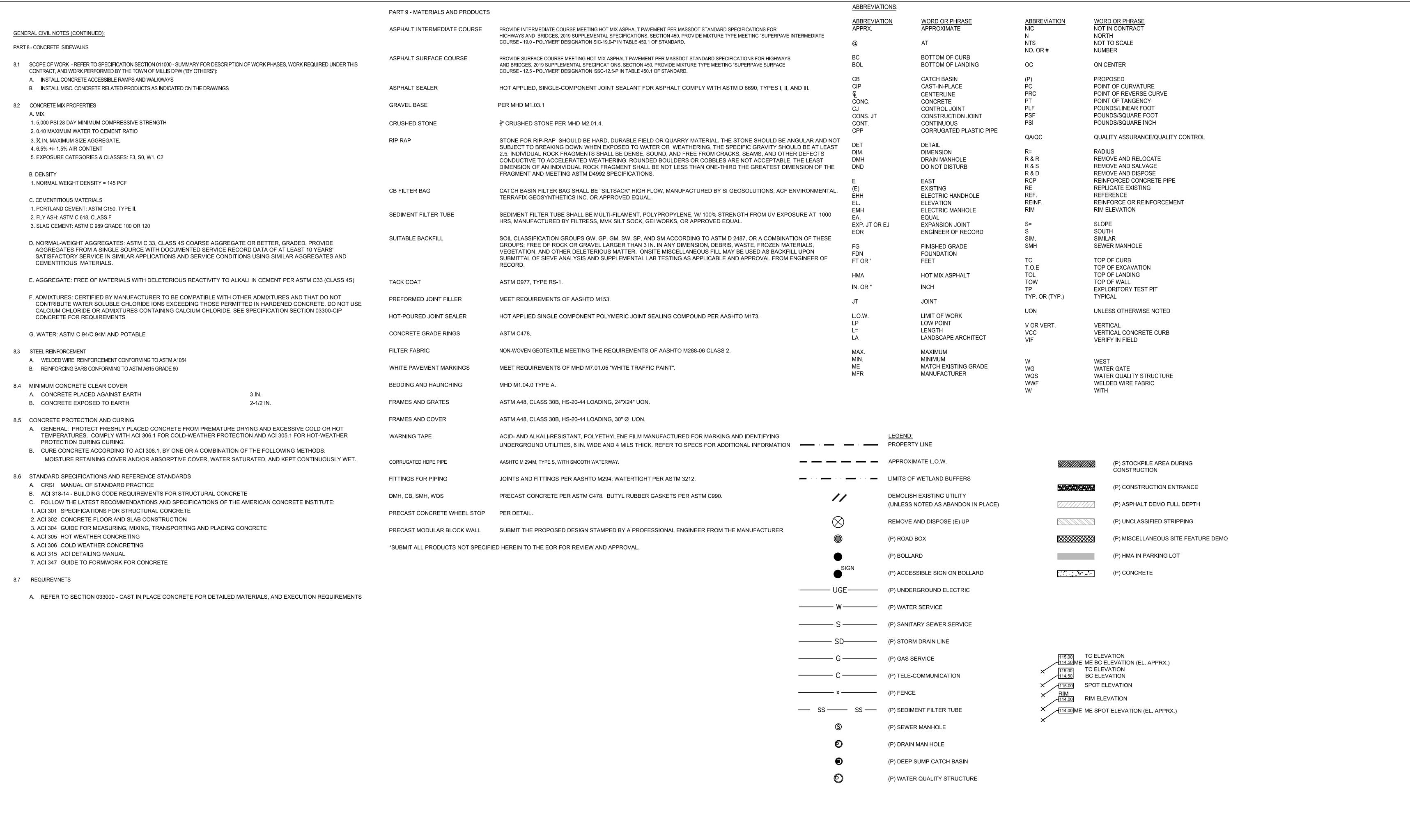
**CONFORMED SET** 

11/17/2020

**GENERAL NOTES** 

(1 OF 2)

C-0.00



MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES** RENOVATIONS & **ADDITIONS** 7 WATER ST MILLIS, MA 02054 TAYLOR & BURNS ARCHITECTS 58 WINTER STREET BOSTON, MA 02108 Phone: 617-357-5335 Fax: 617-354-5654 www.TaylorBurns.com CIVIL & STRUCTURAL ENGINEERS SIMPSON GUMPERTZ & HEGER Engineering of Structures and Building Enclosures main: 781,907,9000 fax; 781,907,9009 www.sgh.com MECHANICAL ELECTRICAL PLUMBING ENGINEERING GARCIA GALUSKA & DESOUSA CONSULTING ENGINEERS INC. 375 Faunce Road Suite D Dartmouth, MA 02747 Phone: 508-998-5700 Fax: 508-998-0883 www.g-g-d.com GEOTECHNICAL ENGINEER **NOBIS ENGINEERING** 18 Chenell Drive Concord, NH 03301 Phone: 603-513-1019 www.nobis-group.com KEY PLAN DESCRIPTION

CONFORMED SET

11/17/2020

GENERAL NOTES (2 OF 2)

C-0.01

## SEDIMENT AND EROSION CONTROL

SCOPE OF EROSION CONTROL (PLEASE NOTE THAT WORK WILL BE PERFORMED IN PHASES, PORTIONS OF WHICH WILL BE PERFORMED BY OTHERS IN ACCORDANCE WITH SPECIFICATION SECTION 011000 - SUMMARY AND CONTRACT DRAWINGS)

THE CONTRACTOR SHALL EMPLOY MEASURES TO PREVENT ALL EROSION OF, SILTATION OF, SEDIMENTATION OF, AND DISCHARGE OF SOIL-BEARING WATER RUNOFF OR AIRBORNE DUST TO WETLANDS, WATERWAYS, CONSTRUCTION AREAS, ADJACENT AREAS, AND OFF-SITE AREAS, ACCORDING TO EROSION- AND SEDIMENTATION-CONTROL REQUIREMENTS SHOWN ON THE DRAWINGS, AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION, RESULTING FROM THE PROPOSED IMPROVEMENTS. THE USE OF SILT FENCE, SEDIMENT FILTER TUBES, TEMPORARY SEEDING, INLET PROTECTION AROUND ALL CATCH BASINS SUBJECT TO SEDIMENTATION, STABILIZED CONSTRUCTION ENTRANCE(S), ETC. MAY BE REQUIRED, REFER TO THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUED INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL DEVICES AS INDICATED. THE CONTRACTOR SHALL FOLLOW THE REQUIREMENTS SET FORTH ON THE SWPPP, AS DETAILED ON THE DRAWINGS, AND AS STATED IN THE APPROVED ORDER OF CONDITIONS (O.O.C.) ISSUED BY THE TOWN OF MILLIS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO UPDATE BMP CONTROLS AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AS SITE CONDITIONS WARRANT. MORE CONTROLS MAY BE REQUIRED PER SITE CONDITIONS. THE CONTRACTOR SHALL INCLUDE THESE COSTS IN THE GENERAL CONDITIONS/BASE BID. ANY AREA WHERE EROSION IS OBSERVED MUST BE ADDRESSED BY THE CONTRACTOR, WHETHER SHOWN ON THE PLANS OR NOT. IN THE CASE THAT DOWNSTREAM EROSION IS OBSERVED, THE CONTRACTOR MUST CONTACT THE ENGINEER OF RECORD FOR RECOMMENDATIONS.

PERMANENT EROSION CONTROL, TURF ESTABLISHMENT, AND SOIL STABILIZATION INCLUDING TEMPORARY CONSTRUCTION ACCESS IS THE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER CLEANING AND DISPOSAL OF ANY DEBRIS TAKEN OFF SITE. CONTRACTOR IS RESPONSIBLE FOR ALL FINES AND FEES FOR IMPROPER PLACEMENT OR MAINTENANCE OF CONTROLS.

#### SOIL EROSION CONTROL NOTES

ALL EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL STANDARDS. THE WETLANDS ORDER OF CONDITION (OOC) ISSUED ON 17 JUNE 2020, THE CONSTRUCTION GENERAL PERMIT (CGP) AND THE SWPPP SHALL BE POSTED IN THE JOB TRAILER AT ALL TIMES. THIS SITE SHALL BE PROTECTED BY MEANS DESCRIBED IN THE ACCOMPANYING PLANS, OOC, CGP, AND SWPPP. IF THERE ARE ANY QUESTIONS REGARDING EROSION CONTROL MEASURES, THE ENGINEER OF RECORD MUST BE CONTACTED.

A COPY OF THIS SHEET, THE EROSION CONTROL PLAN, THE CGP, AND THE SWPPP MUST BE KEPT ON-SITE THROUGH THE DURATION OF CONSTRUCTION ACTIVITY. ANY PROPOSED CHANGES MUST BE APPROVED BY THE CONSERVATION COMMISSION AND THE EOR.

### PART I. GENERAL

- 1.1. THE INTENT OF THIS SHEET AND THE EROSION CONTROL PLAN IS TO CONTROL EROSION AND RESULTING SEDIMENT TRANSPORTATION OFF SITE. THE ITEMS INDICATED ARE THE ENGINEER'S BEST ESTIMATE OF REQUIREMENTS; MORE CONTROL MAY BE NEEDED DEPENDING ON SITE CONDITIONS, SEASON, ETC. CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES AS NECESSARY TO COMPLY WITH THIS INTENT. ALL CHANGES TO THE SWPPP
- A. SEDIMENT CONTROL STRUCTURES/DEVICES AND PRACTICES SHALL BE INSTALLED OR PERFORMED IN ACCORDANCE WITH MASSACHUSETTS DEP
- B. THE CONTRACTOR SHALL FILE FOR COVERAGE UNDER THE NPDES CONSTRUCTION GENERAL PERMIT. THE SWPPP AND E & S PLANS, THE NOI, AND ALL COPIES OF ALL INSPECTION REPORTS SHALL BE KEPT ON-SITE.
- C. THE CONTRACTOR SHALL ENGAGE A QUALIFIED SEDIMENT CONTROL INSPECTOR RESPONSIBLE FOR ENSURING COMPLIANCE WITH THE REQUIREMENTS ON THE CONSTRUCTION DOCUMENTS, THE ORDER OF CONDITIONS, AND THE SWPPP.
- D. SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED PRIOR TO ANY LAND DISTURBING ACTIVITY TAKING PLACE.
- E. VEGETATIVE PRACTICES:
- ANY EXPOSED AREA, EXCLUSIVE OF CONSTRUCTION ACCESS AREA USED FOR CONSTRUCTION TRAFFIC, LEFT UNDISTURBED FOR MORE THAN 14 DAYS SHALL RECEIVE TEMPORARY SEEDING AND/OR MULCH IN ACCORDANCE WITH CGP AND SWPPP. REFER TO THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) EROSION AND SEDIMENT CONTROL GUIDELINES DATED MAY 2003 FOR ALL ESTABLISHED VEGETATIVE PRACTICES.
- F. ALL SOIL STOCKPILING SHALL OCCUR OUTSIDE OF RESOURCE AREAS. REFUELING AND MAINTENANCE ACTIVITIES DURING CONSTRUCTION SHALL OCCUR WITHIN A DEFINED AREA OUTSIDE OF WETLAND RESOURCE AREAS AND THEIR BUFFER ZONES.
- G. TRUCKS ENTERING AND LEAVING THE SITE SHALL HAVE THEIR LOADS COMPLETELY COVERED IN COMPLIANCE WITH MASSACHUSETTS GENERAL LAW CHAPTER 85 SECTION 36. THE APPLICANT SHALL ALSO INSTRUCT ALL DRIVERS ON SITE THAT VEHICLES SHALL NOT IDLE FOR LONGER THAN 5 MINUTES IN COMPLIANCE WITH MASSACHUSETTS GENERAL LAW CHAPTER 90 SECTION 16A. H. PREVENTATIVE MEASURES:
- PROVIDE ONE OF THE FOLLOWING PROTECTIVE MEASURES AS TEMPORARY COVERINGS ON GROUND AREAS THAT ARE SUBJECT TO EROSION, IN ACCORDANCE WITH THE CGP AND SWPPP AND AS DIRECTED BY THE EOR:
- 1. STRAW TEMPORARY MULCH, 100 LBS PER 1,000 SQ FT.
- 2. WOOD FIBER CELLULOSE TEMPORARY MULCH, 35 LBS PER 1,000 SQ FT.
- TACKAFIER FOR ANCHORING MULCH OR STRAW SHALL BE NON-PETROLEUM BASED LIQUID BONDING AGENT SPECIFICALLY MADE FOR
- 4. PROVIDE NATURAL (JUTE, WOOD EXCELSIOR) OR MAN-MADE (GLASS FIBER) COVERING WITH SUITABLE STAPLES OR ANCHORS TO SECURE TO GROUND SURFACE. NOTE THAT WIRE STAPES AND NON-BIODEGRADABLE COVERINGS SHALL NOT BE USED FOR ANY AREA THAT WILL BE MOWN TURF.
- 5. TEMPORARY VEGETATIVE COVER FOR GRADED AREAS SHALL BE UNDAMAGED, AIR-DRIED THRESHED STRAW FREE OF UNDESIRABLE WEED
- 6. OPEN-GRADED CRUSHED-STONE OR ACCESS MATS.
- I. OTHER FEDERAL, LOCAL, OR STATE STATUTES OR REQUIREMENTS THAT MAY AFFECT THE PERMIT REQUIREMENTS FOR THIS SITE: NPDES CONSTRUCTION GENERAL PERMIT (CGP).
- 2. NPDES REMEDIATION GENERAL PERMIT (RGP).
- ORDER OF CONDITIONS FROM TOWN OF MILLIS.
- J. MATERIAL NEEDS AFFECTING ENVIRONMENTAL ASPECTS OF THE SITE: 1. HAUL-IN / HAUL-OFF
- K. PLANNED PHASES OF CONSTRUCTION:
- 1. FLAG ALL WORK LIMITS, POST DEP SIGN AND CONSTRUCTION SITE NOTICE WITH DEP FILE NUMBER ASSIGNED IN ACCORDANCE WITH THE O.O.C. AND AS REQUIRED BY THE CGP.
- 2. CALL DIGSAFE TO VERIFY LOCATION OF ANY EXISTING UTILITIES THIRTY-TWO (32) BUSINESS HOURS, AND NO MORE THAN 30 DAYS, PRIOR TO START OF CONSTRUCTION.
- 3. CONDUCT PRE-CONSTRUCTION MEETING WITH MILLIS CONSERVATION COMMISSION REPRESENTATIVE.
- 4. NOTIFY TOWN OF MILLIS CONSERVATION COMMISSION SEVENTY-TWO (72) HOURS PRIOR TO START OF CONSTRUCTION, OR AS NOTED IN THE APPROVED O.O.C.
- CONDUCT SWPPP KICKOFF MEETING.
- 6. NOTIFY OWNER'S FIELD INSPECTOR FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION.
- 7. IDENTIFY AND PROTECT ALL EXISTING VEGETATION TO REMAIN.
- PERFORM CLEARING AND GRADING REQUIRED FOR INSTALLATION OF PERIMETER CONTROL. 9. INSTALL PERIMETER RUNOFF CONTROLS. INSTALL INLET PROTECTION ON LOCAL INLETS SUBJECT TO SEDIMENTATION.
- 10. NOTIFY CONTRACTOR'S SEDIMENT CONTROL INSPECTOR AND OBTAIN APPROVAL BEFORE PROCEEDING FURTHER.
- 11. CLEAR AND STABILIZE CONSTRUCTION ACCESS.
- 12. COMPLETE ALL REQUIRED STOCKPILING, SITE CLEARING, AND GRADING. 13. PERFORM EXCAVATIONS AND DEWATERING FOR PROPOSED UNDERGROUND WORK.
- 14. PERFORM BACKFILLING.
- 15. COMPLETE FINAL GRADING, STABILIZATION, PAVING, AND LANDSCAPING.
- 16. NOTIFY CONTRACTOR'S SEDIMENT CONTROL INSPECTOR AND OBTAIN APPROVAL TO REMOVE SEDIMENT AND EROSION CONTROL MEASURES.

## PART II. IMPLEMENTATION

- 2.1. PLANNED CONSTRUCTION PHASING AND SPECIFIC REQUIRED SEDIMENT AND EROSION CONTROL MEASURES (PLEASE NOTE THAT PORTIONS OF WORK
- WILL BE PERFORMED BY OTHERS IN ACCORDANCE WITH SPECIFICATION SECTION 011000 SUMMARY AND CONTRACT DRAWINGS). A. PHASE 1 (PLAN C-1.00): SITE PREPARATION, E&S INSTALLATION, SAWCUTTING & REMOVAL OF ASPHALT PAVEMENT, DEBRIS REMOVAL, TOPSOIL & GRAVEL-SURFACING STRIPPING, STOCKPILING, AND DISPOSAL. TOPSOIL WILL BE STRIPPED & STOCKPILED AS SHOWN ON THE PLANS. THE FOLLOWING REQUIREMENTS WILL APPLY DURING THIS PHASE OF CONSTRUCTION:
- 1. CONSTRUCTION OF STABILIZED "STONE" CONSTRUCTION ENTRANCES SHALL BE COMPLETED TO PREVENT SEDIMENT FROM BEING DEPOSITED OUTSIDE WORK AREA.
- INSTALLATION OF INLET PROTECTION WHERE INDICATED ON DRAWINGS SHALL BE COMPLETED
- 3. SILT SOCKS SHALL BE PLACED TO PREVENT SEDIMENT FROM LEAVING WORK AREA. ATTENTION SHOULD BE PAID TO CONSTRUCTION
- 4. ALL DEBRIS SHALL BE KEPT AWAY FROM DITCHES AND STREAMS & WETLANDS TO PREVENT RUN-OFF ACCUMULATION WILL NOT CARRY DEBRIS DOWNSTREAM.
- 5. SEDIMENT FILTER TUBES OR SILT FENCE AS INDICATED SHALL BE INSTALLED AS REQUIRED WHERE RUN-OFF FROM THE WORK AREA WILL LEAVE THE SITE.
- ADDITIONAL SEDIMENT FILTER TUBES SHALL BE PROVIDED AROUND ALL STOCKPILE AREAS TO PREVENT SILT WASH OFF FROM THE SITE. COVER THE TOPS OF STOCKPILES IN SUCH A MANNER THAT STORMWATER DOES NOT INFILTRATE THE MATERIALS AND THEREBY RENDER
- PHASE 2 (PLANS C-2.00 C-4.00): GRADING EXCAVATION AND INSTALLATION OF UNDERGROUND WORK. THIS INSTALLATION PHASE INCLUDES EARTH BEING EXCAVATED AND STOCKPILED AND MAY BE HAULED INTO OR HAULED OFF FROM THE SITE. THIS IS A CRITICAL TIME WHEN SEDIMENT AND EROSION CONTROL FACILITIES MUST BE CONTINUALLY CHECKED TO ENSURE EFFECTIVENESS. MEASURES SHOULD BE CHANGED OUT AS OFTEN AS REQUIRED TO MEET DEMANDS OF CURRENT SITE CONDITIONS. THE FOLLOWING WILL APPLY TO THIS STAGE OF CONSTRUCTION:
- 1. ALL SEDIMENT CONTROL FACILITIES REQUIRED AND INSTALLED DURING PHASE 1 SHALL BE LEFT IN PLACE AND MAINTAINED AS APPROPRIATE.
- WHENEVER A SILT CONTROL FACILITY IS REMOVED BECAUSE OF CHANGING SITE CONDITIONS IT SHALL BE IMMEDIATELY REPLACED WITH ANOTHER MEASURE OF EQUAL OR GREATER EFFECTIVENESS THAT WILL CONTRIBUTE TO THE PROGRAM OF SILT AND EROSION CONTROL. 3. CONTRACTOR MAY TEMPORARILY COVER STRIPPED AREA WITH OPEN-GRADED CRUSHED-STONE IN LIEU OF GRASSING FOR TEMPORARY
- PHASE 3 (PLAN C-3.00): FINISH GRADING, SURFACE TREATMENTS AND LANDSCAPING THIS IS THE WRAP-UP STAGE WHEN ALL TEMPORARY SEDIMENT
- AND EROSION CONTROL MEASURES WILL BE PHASED OUT. THE FOLLOWING WILL APPLY TO THIS PHASE: 1. ALL FACILITIES FROM PHASE 1 AND PHASE 2 WILL BE MAINTAINED, MODIFIED, OR REMOVED WHEN APPROPRIATE.
- 2. INLET PROTECTION AT DRAINAGE INLETS WILL BE MAINTAINED, MODIFIED AS NECESSARY, AND REMOVED WHEN APPROPRIATE.
- 3. SWEEP PAVED AREAS USED FOR LAYDOWN AND/OR STOCKPILING.
- 4. E&S CONTROLS ONLY TO BE REMOVED UPON APPROVAL BY EOR & TOWN CONSERVATION COMMISSION. INSPECTION AND MAINTENANCE INSTRUCTIONS: THE FOLLOWING WILL APPLY TO MAINTAINING EROSION AND SEDIMENT CONTROL FACILITIES IN ACCORDANCE WITH THE OOC AND CGP:
- ALL EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE INSPECTED REGULARLY TO ENSURE THEY ARE EFFECTIVE IN THE EVENT OF RAINFALL. MEASURES SHALL BE INSPECTED AND INSPECTION REPORTS PREPARED ONCE EVERY SEVEN (7) CALENDAR DAYS (MINIMUM) AND IMMEDIATELY FOLLOWING ALL RAINSTORMS OR SNOW MELT EVENTS. ANY DAMAGED OR NONFUNCTIONAL FACILITY SHALL BE REPAIRED OR REPLACED IMMEDIATELY. WEEKLY INSPECTION REPORTS SHALL BE KEPT ON FILE IN THE CONSTRUCTION TRAILER AND BE PROVIDED TO THE CON-COM PER THE OOC.
- INLET PROTECTION SHALL BE CHECKED REGULARLY FOR SEDIMENT CLEANOUT. SEDIMENT SHALL BE REMOVED AND THE UNIT RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF (1/2) THE DESIGN VOLUME OR AS INDICATED BY THE MANUFACTURER. SEDIMENT REMOVED FROM THE UNIT SHALL BE DEPOSITED IN SUITABLE AREAS AND IN SUCH A MANNER THAT IT WILL NOT ERODE AND CAUSE CONTINUED SEDIMENTATION PROBLEMS.
- 3. SEDIMENT FILTER TUBES (SILT SOCKS) AND SILT FENCES WILL BE CHECKED EVERY WORKDAY FOR SEDIMENT BUILDUP, UNDERMINING OR DETERIORATION OF FABRIC; SEDIMENT WILL BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES ONE-THIRD THE HEIGHT OF THE BARRIER OR PER MANUFACTURER RECOMMENDATIONS, WHICHEVER IS MORE STRINGENT.
- 4. SEEDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RE-SEEDED
- 5. IF ANY FACILITY IS DAMAGED DURING MAINTENANCE, OR OTHERWISE, THE DAMAGED PORTION SHALL BE REMOVED AND REPLACED
- ACCORDING TO THE ASSOCIATED DETAIL.
- 6. IF SILT HAS OBSTRUCTED THE SEDIMENT CONTROL FACILITY TO THE POINT OF ELIMINATING ALL FILTERING EFFECTIVENESS, THE STRUCTURE SHALL BE REMOVED AND REPLACED WITH A NEW STRUCTURE IN ACCORDANCE WITH THE ASSOCIATED DETAIL
- CONSTRUCTION STAGING AREAS OR STABILIZED CONSTRUCTION ENTRANCES SHALL HAVE ADDITIONAL STONE ADDED AS MUD COVERS STONE. UNDER WET SOIL CONDITIONS, TIRES SHALL BE WASHED PRIOR TO ENTERING A PAVED ROADWAY.
- CONTRACTOR SHALL INSPECT OVERALL PERFORMANCE OF EROSION AND SEDIMENT CONTROL FACILITIES AND AREAS DOWNSTREAM. IF SILT IS APPARENT DOWNSTREAM FROM STRUCTURES, SOME FAILURE HAS OCCURRED. IF SEDIMENT IS OBSERVED DOWNSTREAM, N THE EOR. THE EOR WILL INSPECT THE CONDITION AND AFTER INSPECTION, DIRECT THE REMOVAL OF ACCUMULATED SEDIMENT DOWNSTREAM AND ADD STRUCTURAL MEASURES AS NECESSARY. CONTRACTOR SHALL IMPLEMENT RECOMMENDED SOLUTIONS TO

## PART III. COMPLETION

## 3.1. PROJECT CLOSE OUT

- A. THE FOLLOWING SHALL BE DONE AT THE END OF THE PROJECT IN ACCORDANCE WITH THE CGP AND OOC:
  - INSPECT SITE TO ENSURE THAT GROUND COVER IS COMPLETE AND ACHIEVES FINAL STABILIZATION PER THE CONSTRUCTION GENERAL
- 2. WHEN GROUND COVER INSPECTION IS MADE AND APPROVED. ALL STRUCTURAL EROSION CONTROL FACILITIES MAY BE REMOVED ALONG WITH ANY ACCUMULATED SILT AND DEBRIS ONLY IN ACCORDANCE WITH THE APPROVED O.O.C. AREAS DISTURBED BY STRUCTURE REMOVAL
- SHALL BE FINE GRADED, GRASSED, AND MULCHED AS REQUIRED. 3. IF GROUND COVER INSPECTION IS MADE AND PROBLEMS DISCOVERED, PERFORM APPROPRIATE REPAIR MEASURES AND RE-INSPECT PRIOR TO STRUCTURE REMOVAL.
- 4. ALL EXISTING STORM SEWERS SHALL BE INSPECTED UPON REMOVAL OF INLET PROTECTION. STRUCTURES CONTAINING SEDIMENT AND / OR CONSTRUCTION DEBRIS SHALL BE VACUUM CLEANED PRIOR TO FILING NOTICE OF TERMINATION.
- B. MISCELLANEOUS ISSUES
- NO FUEL OR OIL SHALL BE STORED ON SITE.

PROBLEM AREAS AS RECOMMENDED.

- 2. NO OILS OR GAS SHALL BE DUMPED ON SITE.
- 3. LOCATION OF TRAILER AND PORTABLE RESTROOM FACILITY SHALL BE FIELD-DETERMINED TO AVOID CONSTRUCTION ACTIVITIES. LOCATION SHALL CHANGE DURING CONSTRUCTION AS NECESSARY.
- DE-WATERING OPERATIONS MAY BE REQUIRED ON THIS PROJECT. CONTRACTOR SHALL APPLY FOR COVERAGE UNDER THE NPDES CGP OR RGP AND PERFORM DE-WATERING ACTIVITIES IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND SPECIFICATIONS. PUMPED GROUND WATER SHALL BE TREATED IN ACCORDANCE WITH THE CGP OR RGP.
- PROJECT SITE SHALL BE KEPT CLEAR OF ALL TRASH AND CONSTRUCTION DEBRIS. CONTRACTOR SHALL HAVE TRASH COLLECTED WEEKLY AND PLACED IN DUMPSTER TO BE HAULED OFF-SITE.
- 6. ALL WATER SUPPLY WILL BE PROVIDED FROM PUBLIC WATER SUPPLY. COORDINATE WITH OWNER.
- 7. ALL HUMAN WASTE SHALL BE IN PORTABLE RESTROOM FACILITY OR IN TOILET CONNECTED TO PUBLIC SEWER SYSTEM. WASTES SHALL BE
- DISPOSED OF BY A LICENSED VENDOR OR IN A PUBLIC SANITARY SEWER SYSTEM. 8. ANY SPILLED OIL, GAS, ETC, RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE CONTAINED AND CLEANED IMMEDIATELY.
- CONTAMINATED SOILS SHALL BE DISPOSED OF IN AN APPROVED MANNER AT A LICENSED LANDFILL.
- 9. DUST SUPPRESSION OPERATIONS SHALL BE PERFORMED BY MEANS OF A WATER TRUCK DISTRIBUTING A FINE MIST OF WATER ON THE SITE SURFACE. CONCENTRATED STREAMS OF WATER SPRAY SHOULD BE AVOIDED. ALL ROADS SHALL BE WATERED AT A MINIMUM ONCE DAILY DURING WORK DAYS IF NO PRECIPITATION IS EXPECTED.
- 10. ANY NON-STORM DISCHARGES SUCH AS, BUT NOT LIMITED TO, FIRE HYDRANT FLUSHINGS, WASH WATERS, DUST CONTROL, IRRIGATION DRAINAGE, ETC., THAT DO NOT CONTAIN HAZARDOUS MATERIALS SHALL BE PREVENTED FROM ALLOWING SEDIMENT TRANSPORT INTO STORM SEWERS. FLUSHINGS THAT CONTAIN HAZARDOUS MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWERS AND SHALL BE COLLECTED AND DISPOSED OF IN AN APPROVED MANNER.

MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES** RENOVATIONS &

**ADDITIONS** 7 WATER ST MILLIS, MA 02054

TAYLOR & BURNS

ARCHITECTS **58 WINTER STREET** BOSTON, MA 02108 Phone: 617-357-5335 Fax: 617-354-5654

www.TaylorBurns.com

CIVIL & STRUCTURAL ENGINEERS

SIMPSON GUMPERTZ & HEGER Engineering of Structure and Building Enclosures

MECHANICAL ELECTRICAL

main: 781,907,9000 fax; 781,907,9009

www.sgh.com

PLUMBING ENGINEERING

**GARCIA GALUSKA & DESOUSA** CONSULTING ENGINEERS INC. Dartmouth, MA 02747

Fax: 508-998-0883 www.g-g-d.com

Phone: 508-998-5700

GEOTECHNICAL ENGINEER **NOBIS ENGINEERING** 

18 Chenell Drive Concord, NH 03301 Phone: 603-513-1019 www.nobis-group.com

KEY PLAN

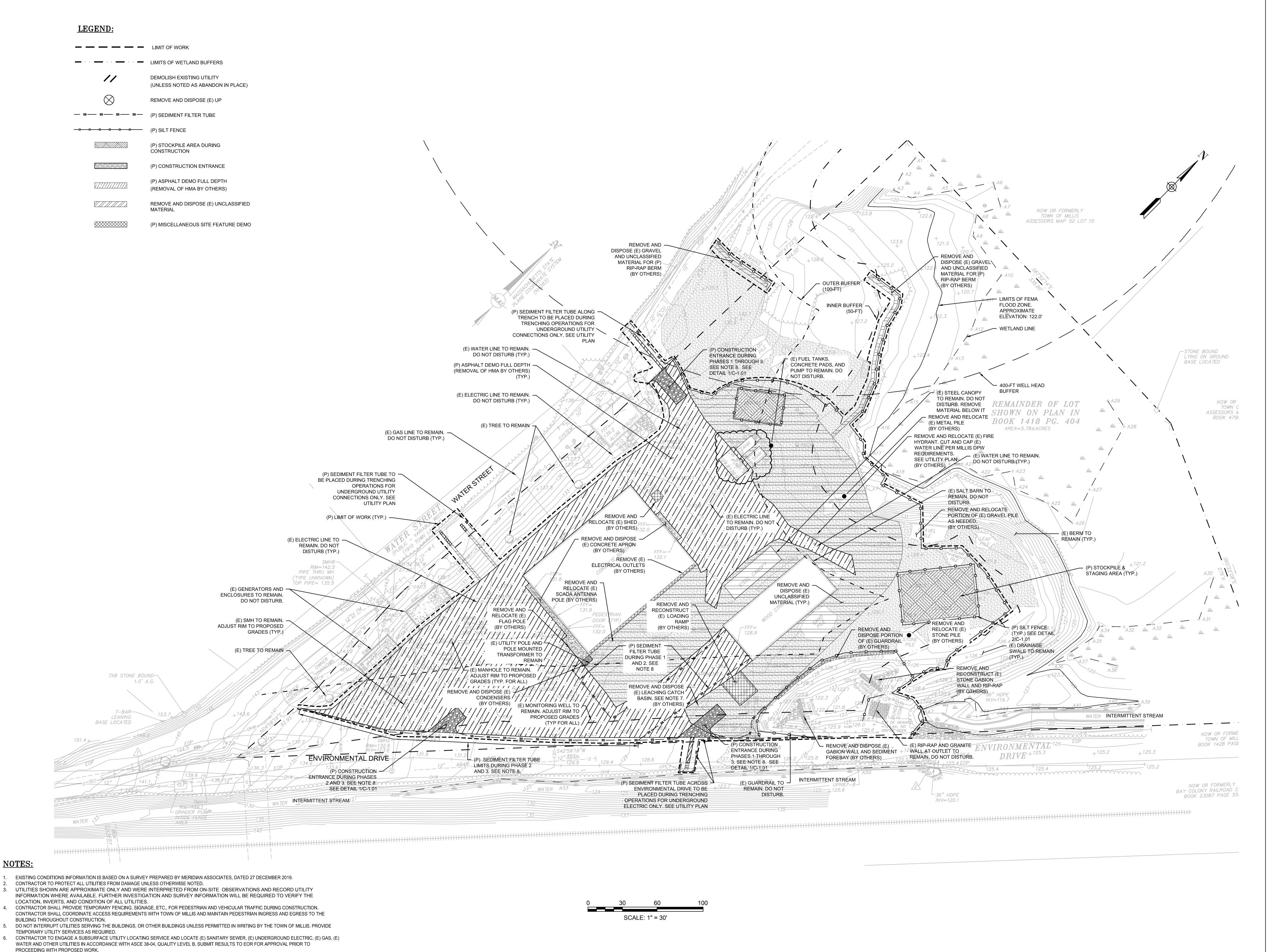
DESCRIPTION

**CONFORMED SET** 

11/17/2020

**E & S CONTROL NOTES** 

C-0.02



NOTES:

PHASING PLAN FOR REVIEW AND APPROVAL.

EXISTING LEACHING CATCH BASIN TO BE REMOVED OR ABANDONED IN ACCORDANCE WITH MASSDEP UNDERGROUND INJECTION CONTROL WELL

CONSTRUCTION. THE CONTRACTOR IS TO COORDINATE PHASING OF THE PROPOSED EROSION AND SEDIMENT CONTROLS. SUBMIT SITE ACCESS AND

8. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND MAINTAINING DPW ACCESS TO THE SITE AND EXISTING BUILDINGS DURING

MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES RENOVATIONS &** 

**ADDITIONS** 

7 WATER ST MILLIS, MA 02054

TAYLOR & BURNS ARCHITECTS

**58 WINTER STREET** BOSTON, MA 02108 Phone: 617-357-5335 Fax: 617-354-5654 www.TaylorBurns.com

CIVIL & STRUCTURAL ENGINEERS SIMPSON GUMPERTZ & HEGER Engineering of Structures and Building Enclosures

www.sgh.com

main: 781.907.9000 fax: 781.907.9009

480 Totten Pond Road

MECHANICAL ELECTRICAL PLUMBING ENGINEERING

> Phone: 508-998-5700 Fax: 508-998-0883 www.g-g-d.com

GARCIA GALUSKA & DESOUSA CONSULTING ENGINEERS INC. 375 Faunce Road Suite D Dartmouth, MA 02747

GEOTECHNICAL ENGINEER

**NOBIS ENGINEERING** 18 Chenell Drive

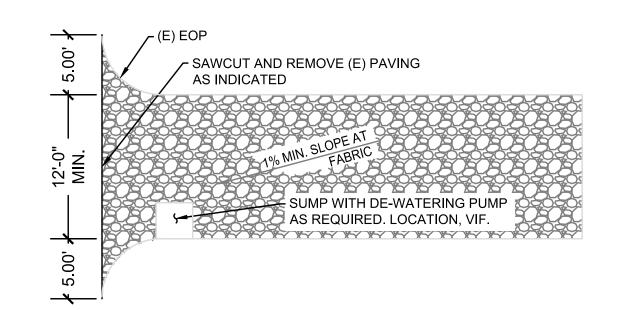
Concord, NH 03301 Phone: 603-513-1019 www.nobis-group.com

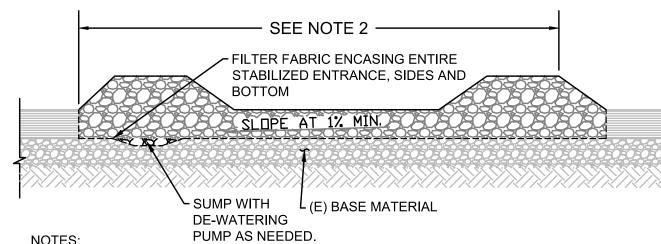
**CONFORMED SET** 

11/17/2020

**DEMO AND** SITE PREP PLAN (PHASE 1)

C-1.00



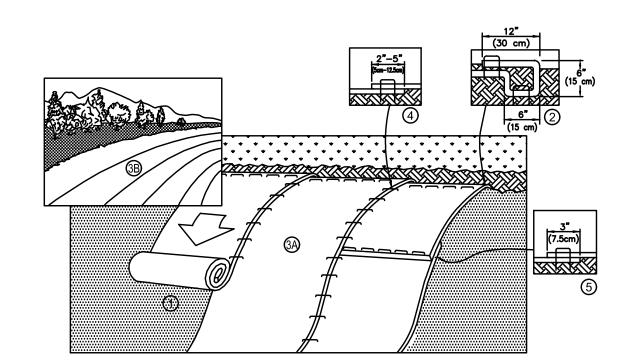


STONE SIZE - USE  $1\frac{1}{2}$ " STONE (MASSDOT M2.01.2). <u>GTH</u> - AS REQUIRED, BUT NOT LESS THAN INDICATED ON PLAN.

- PTH NOT LESS THAN SIX (6) INCHES. VIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- FILTER FABRIC PLACE OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ADJACENT PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO ADJACENT PAVEMENT MUST
- 7. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO LEAVING SITE. USE
- WATERING TRUCK OR ONSITE SUPPLY AS AVAILABLE. 8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT. ALL SUMPS SHALL BE PUMPED AND EMPTIED DAILY. IF PUMPING IS REQUIRED PUMP DISCHARGE IS TO BE ROUTED TO AN E&S CONTROL PRACTICE, E.G. SEDIMENT



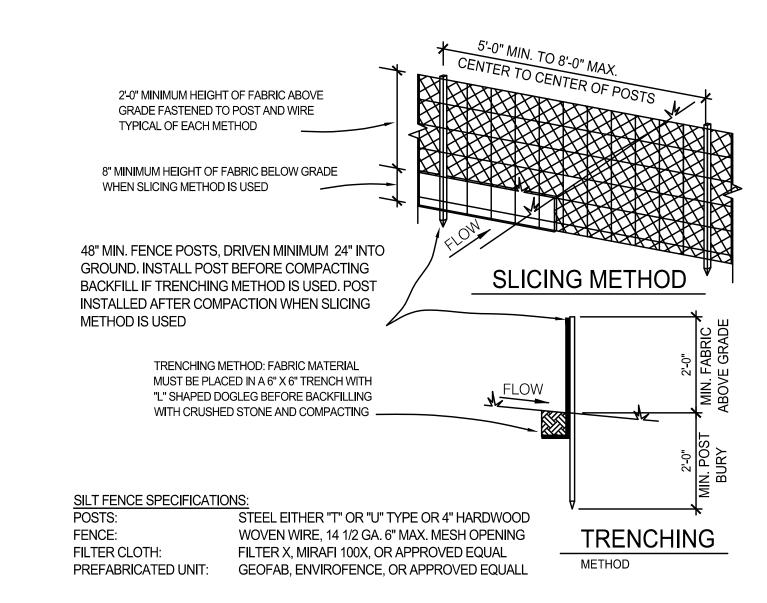




- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. EROSION CONTROL BLANKET TO BE USED ON ALL SLOPES EXCEEDING 3:1 (H:V), INCLUDING THE (P) RETENTION BASIN SLOPES, AND EXCLUDING EXPOSED ROCK LOCATIONS. NO SLOPE SHALL BE GREATER THAN 2:1, UNLESS EXPOSED ROCK
- CONDITION. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF THE BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
- ROLL THE BLANKETS VERTICALLY DOWN SLOPE. BLANKETS SHALL UNROLL WITH THE APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE
- STAPLE PATTERN. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5cm-12.5cm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING
- INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS
- IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO

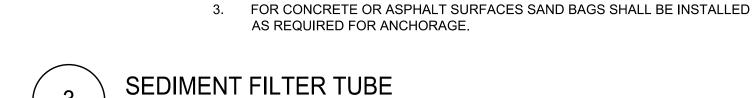
# EROSION CONTROL BLANKET DETAIL

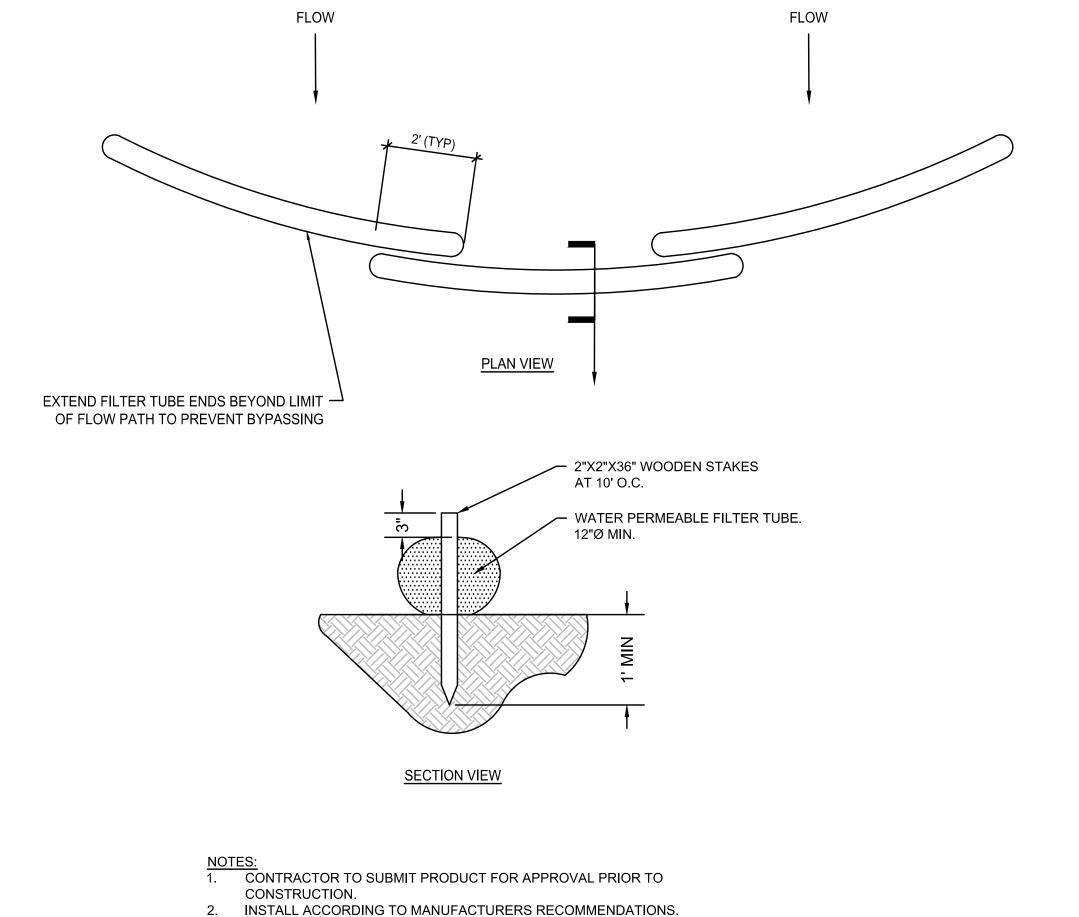
(FOR SLOPE INSTALLATION)

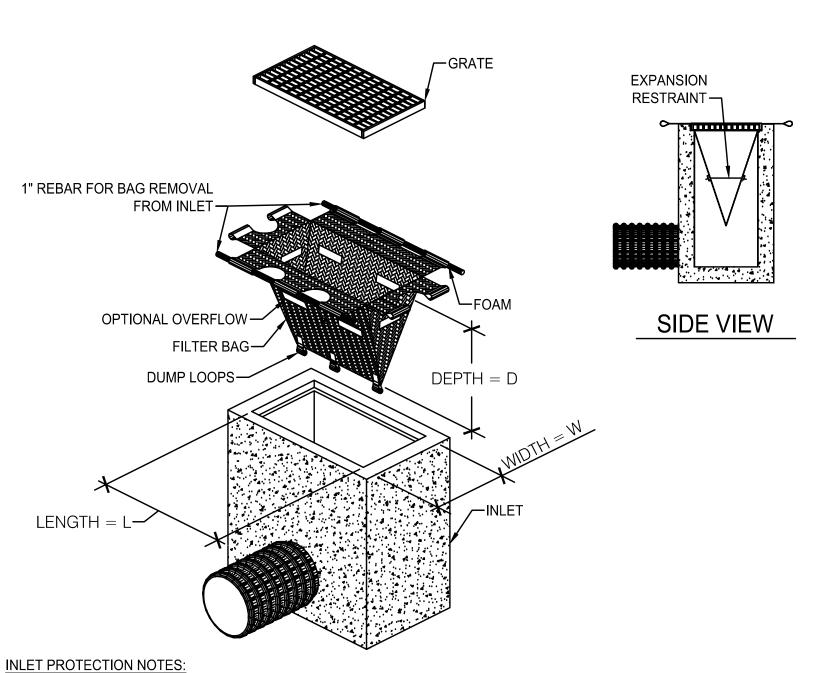


- A. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. B. FABRIC FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID
- C. WHEN TWO SECTIONS OR FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY (6) INCHES D. LOCATE POSTS DOWN SLOPE OF FABRIC FOR FENCE SUPPORT.
- E. SEDIMENT SHALL BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES ONE-THIRD THE HEIGHT OF THE BARRIER OR WHEN "BULGES" DEVELOP.

## SILT FENCE







A. <u>INSTALLATION:</u> THE CATCH BASIN FILTER PRODUCT SHOULD BE PLACED UNDER THE GRATE. INSTALL FOAM BLOCK TO BLOCK CURB INLET OPENING IF APPLICABLE. FOLLOW ALL MANUFACTURES RECOMMENDATIONS FOR INSTALLATION AND REMOVAL. B. MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS; REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION. C. SUBSTITUTIONS WILL BE ALLOWED ONLY UPON APPROVAL BY THE ENGINEER.

**CATCH BASIN INLET PROTECTION** 

NTS

MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES RENOVATIONS & ADDITIONS** 7 WATER ST MILLIS, MA 02054 TAYLOR & BURNS ARCHITECTS **58 WINTER STREET** BOSTON, MA 02108 Phone: 617-357-5335 Fax: 617-354-5654 www.TaylorBurns.com CIVIL & STRUCTURAL ENGINEERS SIMPSON GUMPERTZ & HEGER Engineering of Structures and Building Enclosures main: 781.907.9000 fax; 781.907.9009 www.sgh.com MECHANICAL ELECTRICAL PLUMBING ENGINEERING GARCIA GALUSKA & DESOUSA CONSULTING ENGINEERS INC. 375 Faunce Road Suite D Dartmouth, MA 02747 Phone: 508-998-5700 Fax: 508-998-0883 www.g-g-d.com GEOTECHNICAL ENGINEER **NOBIS ENGINEERING** 18 Chenell Drive Concord, NH 03301 Phone: 603-513-1019 www.nobis-group.com

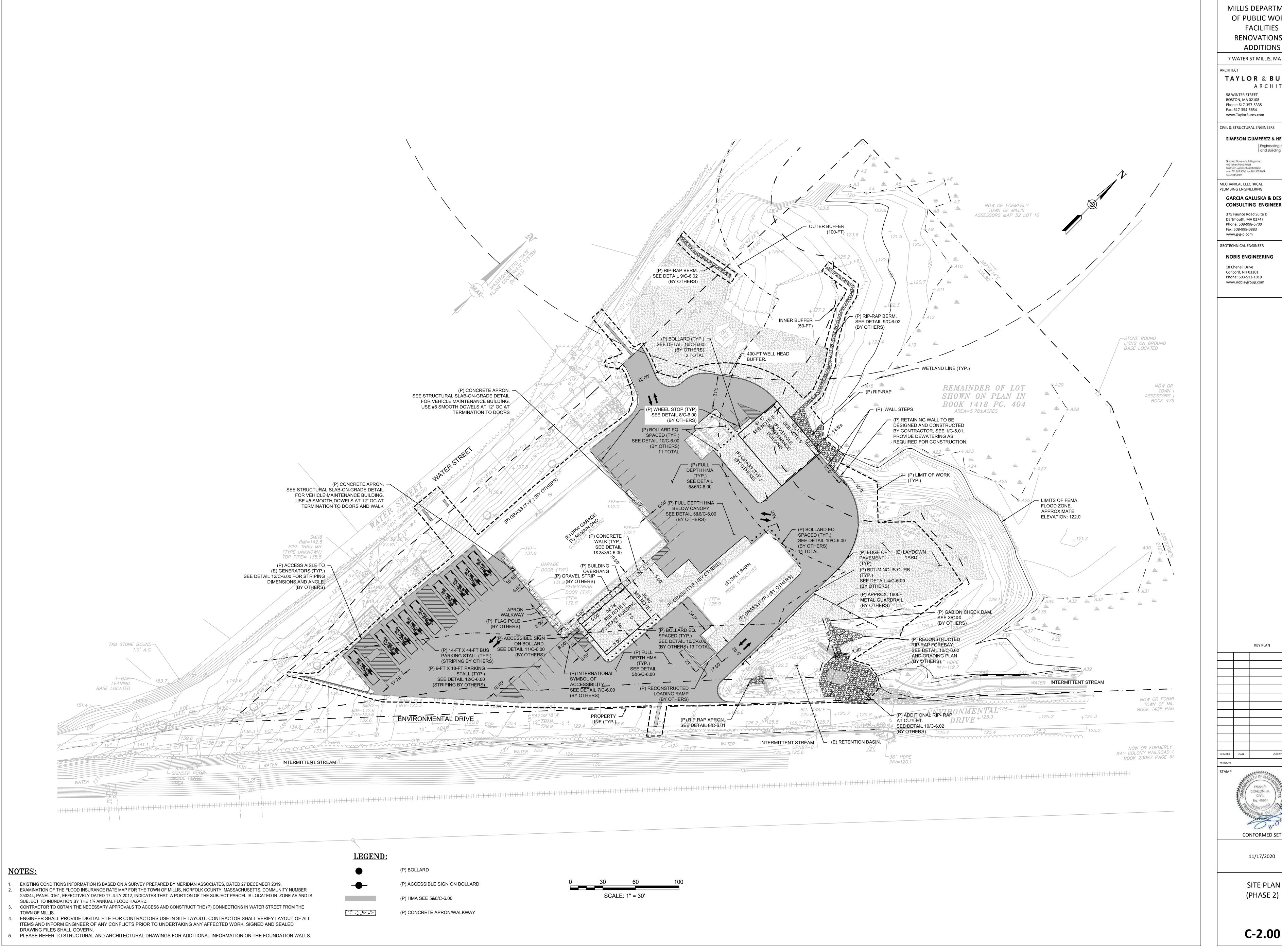
> KEY PLAN DESCRIPTION

> > **E&S DETAILS**

CONFORMED SET

11/17/2020

C-1.01



MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES RENOVATIONS &** 

**ADDITIONS** 

7 WATER ST MILLIS, MA 02054 TAYLOR & BURNS

ARCHITECTS 58 WINTER STREET BOSTON, MA 02108 Phone: 617-357-5335 Fax: 617-354-5654

CIVIL & STRUCTURAL ENGINEERS SIMPSON GUMPERTZ & HEGER

Engineering of Structures and Building Enclosures

MECHANICAL ELECTRICAL

PLUMBING ENGINEERING

**GARCIA GALUSKA & DESOUSA** CONSULTING ENGINEERS INC.

375 Faunce Road Suite D Dartmouth, MA 02747 Phone: 508-998-5700 Fax: 508-998-0883

GEOTECHNICAL ENGINEER

**NOBIS ENGINEERING** 18 Chenell Drive Concord, NH 03301 Phone: 603-513-1019

KEY PLAN

11/17/2020

SITE PLAN (PHASE 2)

C-2.00



(P) WATER QUALITY STRUCTURE

4. REFER TO PLAN C-4.00 FOR (P) UTILITIES.

5. REFER TO PLAN C5.00 FOR (P) DRAINAGE PROFILES AND DRAINAGE STRUCTURE SCHEDULES.

6. PROVIDE SILT SOCK AND SILT SACK EROSION CONTROL MEASURES AT ALL CATCH BASINS AS SHOWN UNTIL BINDER MATERIAL IS PLACED.

MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES RENOVATIONS & ADDITIONS** 

7 WATER ST MILLIS, MA 02054

TAYLOR & BURNS ARCHITECTS **58 WINTER STREET** BOSTON, MA 02108 Phone: 617-357-5335

Fax: 617-354-5654 www.TaylorBurns.com CIVIL & STRUCTURAL ENGINEERS

> SIMPSON GUMPERTZ & HEGER Engineering of Structures and Building Enclosures

main: 781.907.9000 fax; 781.907.9009

MECHANICAL ELECTRICAL PLUMBING ENGINEERING

GARCIA GALUSKA & DESOUSA CONSULTING ENGINEERS INC.

375 Faunce Road Suite D Dartmouth, MA 02747 Phone: 508-998-5700 Fax: 508-998-0883 www.g-g-d.com

GEOTECHNICAL ENGINEER

**NOBIS ENGINEERING** 18 Chenell Drive

Concord, NH 03301 Phone: 603-513-1019 www.nobis-group.com

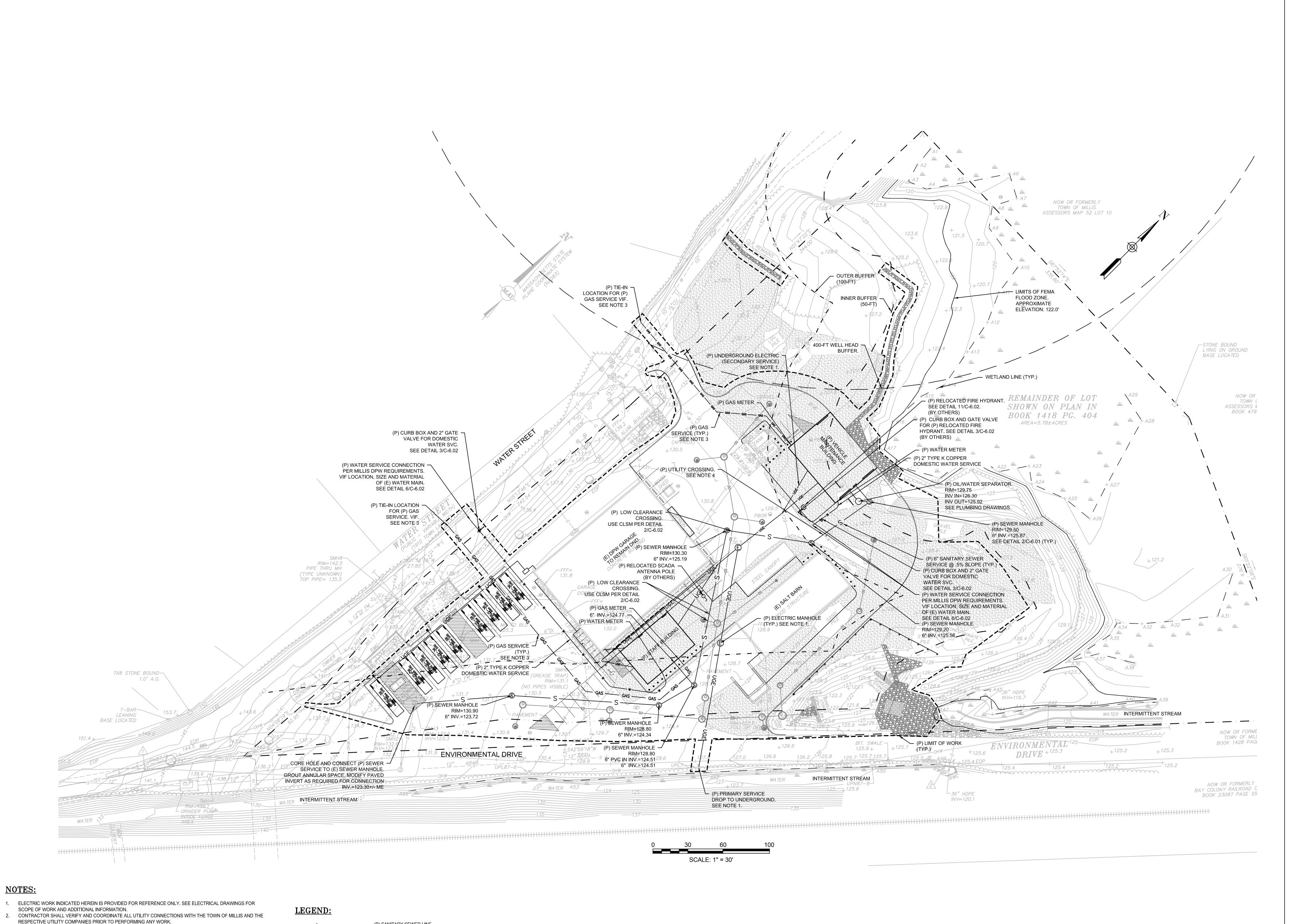
KEY PLAN

CONFORMED SET

11/17/2020

GRADING & DRAINAGE PLAN (PHASE 2 & PHASE 3)

C-3.00



- GAS SERVICE AND METER BARS SHALL BE INSTALLED IN ACCORDANCE WITH NATIONAL GRID STANDARDS. CONTRACTOR TO COORDINATE SIZE OF SERVICE WITH BUILDING DEMAND, SEE MEP, AND DRAWINGS. CONTRACTOR TO PROVIDE ALL LABOR MATERIALS AND EQUIPMENT NOT PROVIDED BY NATIONAL GRID FOR SERVICE TO BUILDING. THE TOWN OF MILLIS WILL PAY THE CONNECTION
- 4. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING WATER LINE AND INFORM EOR OF ANY
- CONFLICTS PRIOR TO PERFORMING ANY WORK. 5. CONTRACTOR TO ADJUST ALL UTILITY COVERS TO GRADE WHETHER EXPLICITLY INDICATED OR NOT.

(P) SANITARY SEWER LINE ——— S ——— ——— GAS ——— (P) GAS LINE (P) WATER LINE ----- UGE-----(P) UNDERGROUND ELECTRIC LINE

(P) SANITARY SEWER MANHOLE

MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES RENOVATIONS & ADDITIONS** 

7 WATER ST MILLIS, MA 02054

TAYLOR & BURNS

BOSTON, MA 02108 Phone: 617-357-5335 Fax: 617-354-5654 www.TaylorBurns.com

**58 WINTER STREET** 

CIVIL & STRUCTURAL ENGINEERS

SIMPSON GUMPERTZ & HEGER Engineering of Structures and Building Enclosures

ARCHITECTS

www.sgh.com

Waltham, Massachusetts 02451

MECHANICAL ELECTRICAL PLUMBING ENGINEERING

**GARCIA GALUSKA & DESOUSA** CONSULTING ENGINEERS INC.

375 Faunce Road Suite D Dartmouth, MA 02747 Phone: 508-998-5700 Fax: 508-998-0883

GEOTECHNICAL ENGINEER

www.g-g-d.com

**NOBIS ENGINEERING** 18 Chenell Drive

Concord, NH 03301 Phone: 603-513-1019 www.nobis-group.com

**KEY PLAN** 

DESCRIPTION

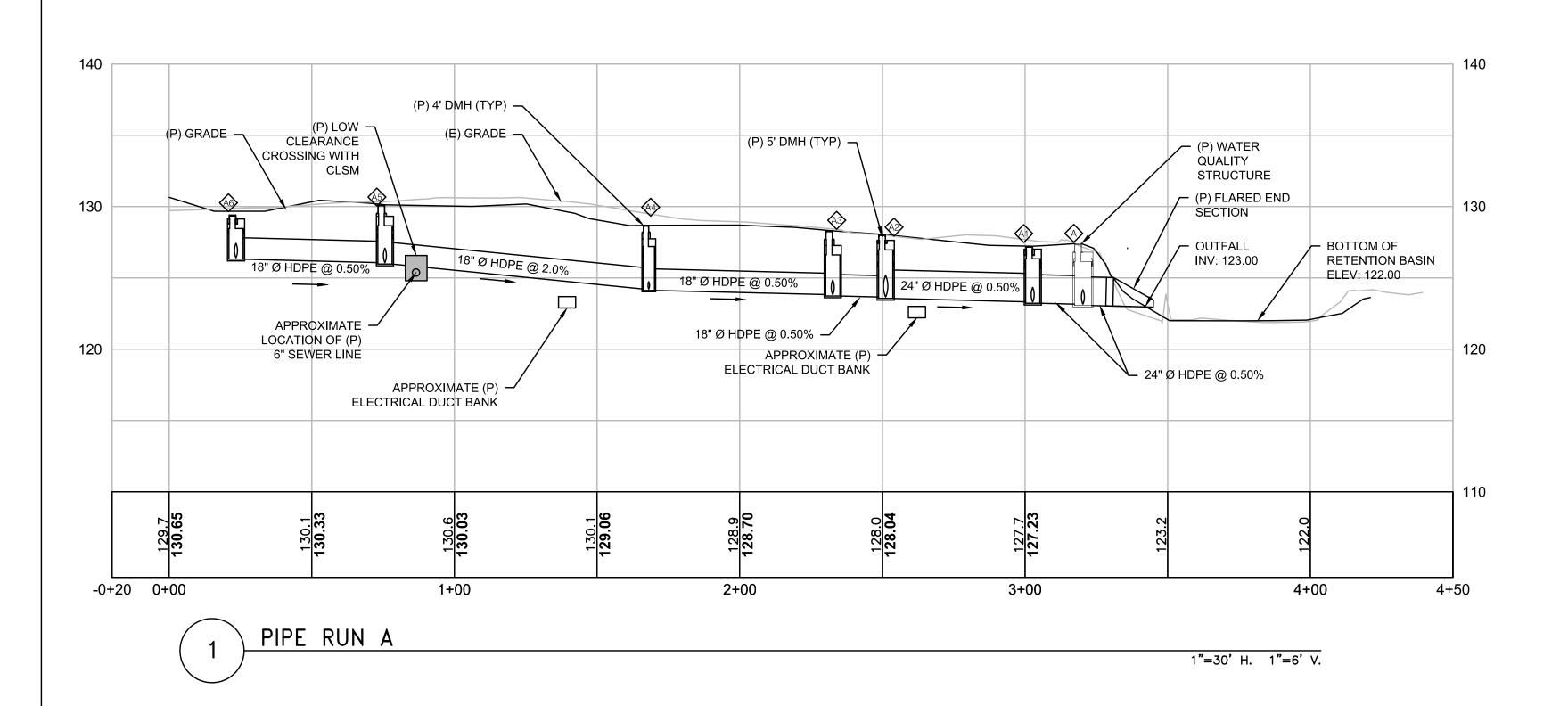


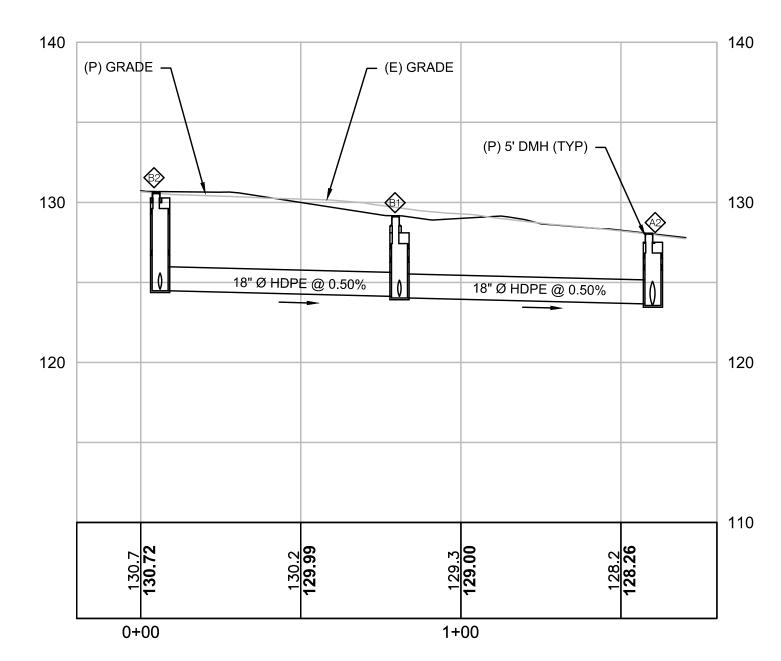
11/17/2020

**CONFORMED SET** 

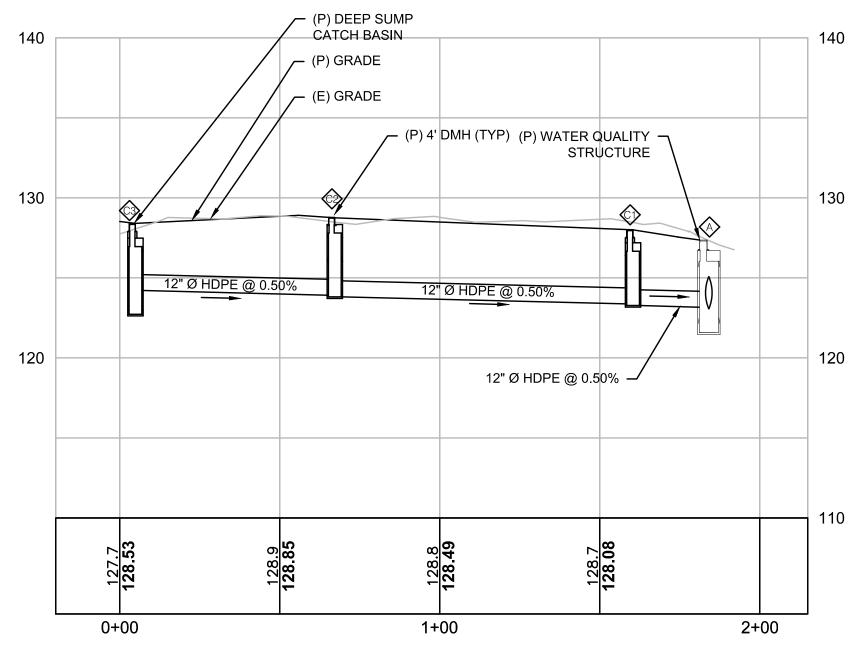
UTILITY PLAN (PHASE 2)

C-4.00





PIPE RUN B 1"=30' H. 1"=6' V.



PIPE RUN C 1"=30' H. 1"=6' V.

			STRU	CTURE SC	HEDULE		
	wqs		DMH 5'Ø		CB 4'Ø		DMH 5'Ø
$\Diamond$	RIM = 127.40 INV IN = 123.16 INV IN = 123.16 (DMH-C1) INV OUT = 123.06	<b>(4)</b>	RIM = 127.22 INV IN = 123.32 INV IN = 123.32 (A11) INV OUT = 123.22		RIM = 126.75 INV OUT = 123.35		RIM = 127.80 INV IN = 123.66 INV IN = 123.66 (DMH-B1) INV OUT = 123.56
	N:2888683.31 E:696891.73		N:2888669.96 E:696880.26		N:2888664.77 E:696888.14		N:2888632.35 E:696845.02
	SEE DETAIL 7/C6.01		SEE DETAIL 6/C6.01		SEE DETAIL 1/C6.01		SEE DETAIL 6/C6.01
	DMH 5'Ø		DMH 5'Ø		CB 4'Ø		AREA DRAIN
<b>43</b> >	RIM = 127.90 INV IN = 123.83 INV IN = 123.83 (A31) INV OUT = 123.73	<b>A</b>	RIM = 128.70 INV IN = 124.22 INV IN = 124.22 (ROOF) INV IN = 124.22 (A41) INV IN = 124.22 (A42) INV OUT = 124.12	<b>4</b>	RIM = 128.50 INV OUT = 124.50	442	RIM = 128.80 INV OUT = 125.00
	N:2888647.38 E:696834.09		N:2888699.69 E:696796.29		N:2888693.44 E:696785.80	<b>I</b>	N:2888761.40 E:696806.25
	SEE DETAIL 6/C6.01		SEE DETAIL 6/C6.01		SEE DETAIL 1/C6.01		SEE DETAIL 5/C6.01
<b>4</b> 5	DMH 5'Ø  RIM = 130.00  INV IN = 126.07  INV IN = 126.07 (A51)  INV OUT = 125.97	<u>*</u> 5	RIM = 128.50 INV OUT = 126.17	<b>→</b>	DMH 5'Ø RIM = 129.70 INV IN = 125.41 (A61) INV IN = 125.41 (A62) INV OUT = 126.31	<b>46</b>	RIM = 128.90 INV OUT = 126.68
	N:2888774.61 E:696742.14		N:2888788.21 E:696762.14		N:2888804.70 E:696699.52		N:2888786.21 E:696684.95
	SEE DETAIL 6/C6.01		SEE DETAIL 1/C6.01 DMH 5'Ø		SEE DETAIL 6/C6.01		SEE DETAIL 1/C6.01 DMH 5'Ø
<b>6</b> 2	RIM = 129.50 INV OUT = 126.50	<b>●</b>	RIM = 129.20 INV IN = 124.13 INV IN = 124.13 (B11) INV OUT = 124.03	€1>	RIM = 128.80 INV OUT = 124.15	€≥	RIM = 130.80 INV IN = 124.58 (B21) INV OUT = 124.48
	N:2888864.24 E:696694.93		N:2888582.20 E:696793.76		N:2888575.24 E:696789.94		N:2888532.56 E:696727.82
	SEE DETAIL 1/C6.01		SEE DETAIL 6/C6.01		SEE DETAIL 1/C6.01		SEE DETAIL 6/C6.01
	CB 4'Ø		DMH 4'Ø		DMH 4'Ø		CB 4'Ø
<b>(2)</b>	RIM = 130.50 INV OUT = 124.65	<b></b>	RIM = 128.00 INV IN = 123.37 INV OUT = 123.27	<b>\$</b>	RIM = 128.95 INV IN = 123.91 INV OUT = 123.81	♠	RIM = 128.40 INV OUT = 124.21
	N:2888514.95 E:696736.33		N:2888700.21 E:696872.06		N:2888793.27 E:696874.97		N:2888845.18 E:696840.62
	SEE DETAIL 1/C6.01		SEE DETAIL 6/C6.01		SEE DETAIL 6/C6.01		SEE DETAIL 1/C6.01

## NOTES:

1. THE STATIONING SHOWN ON THE PROFILES ARE FOR REFERENCE ONLY. STRUCTURE COORDINATES ARE LOCATED IN

MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES RENOVATIONS & ADDITIONS** 

7 WATER ST MILLIS, MA 02054

ARCHITECT TAYLOR & BURNS ARCHITECTS 58 WINTER STREET

BOSTON, MA 02108 Phone: 617-357-5335 Fax: 617-354-5654 www.TaylorBurns.com

CIVIL & STRUCTURAL ENGINEERS SIMPSON GUMPERTZ & HEGER Engineering of Structures and Building Enclosures Simpson Gumpertz & Heger Inc. 480 Totten Pond Road Waltham, Massachusetts 02451 main: 781.907.9000 fox: 781.907.9009

www.sgh.com MECHANICAL ELECTRICAL

PLUMBING ENGINEERING

**GARCIA GALUSKA & DESOUSA** CONSULTING ENGINEERS INC.

375 Faunce Road Suite D Dartmouth, MA 02747 Phone: 508-998-5700 Fax: 508-998-0883 www.g-g-d.com

GEOTECHNICAL ENGINEER

**NOBIS ENGINEERING** 

18 Chenell Drive Concord, NH 03301 Phone: 603-513-1019 www.nobis-group.com

KEY PLAN



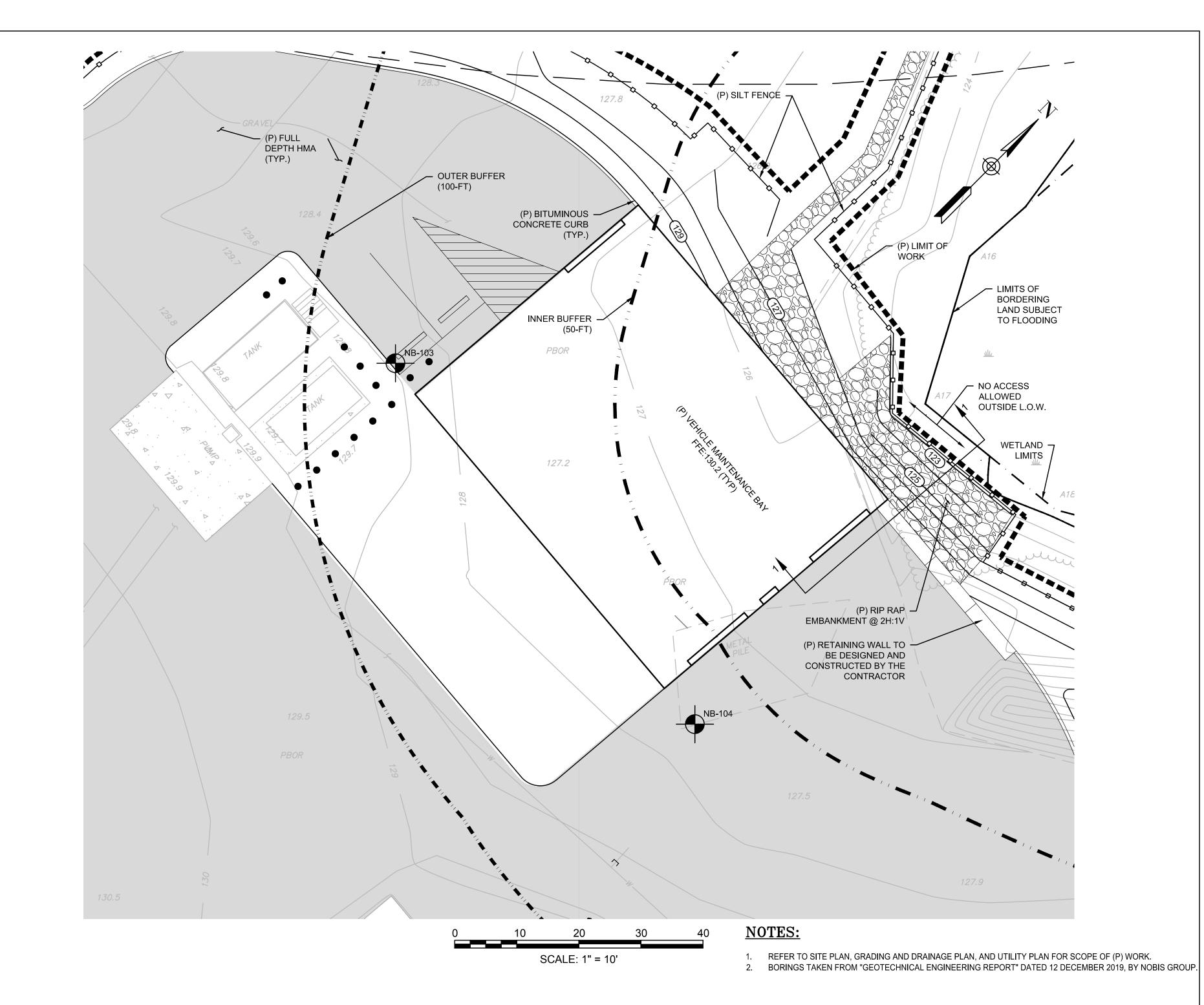
11/17/2020

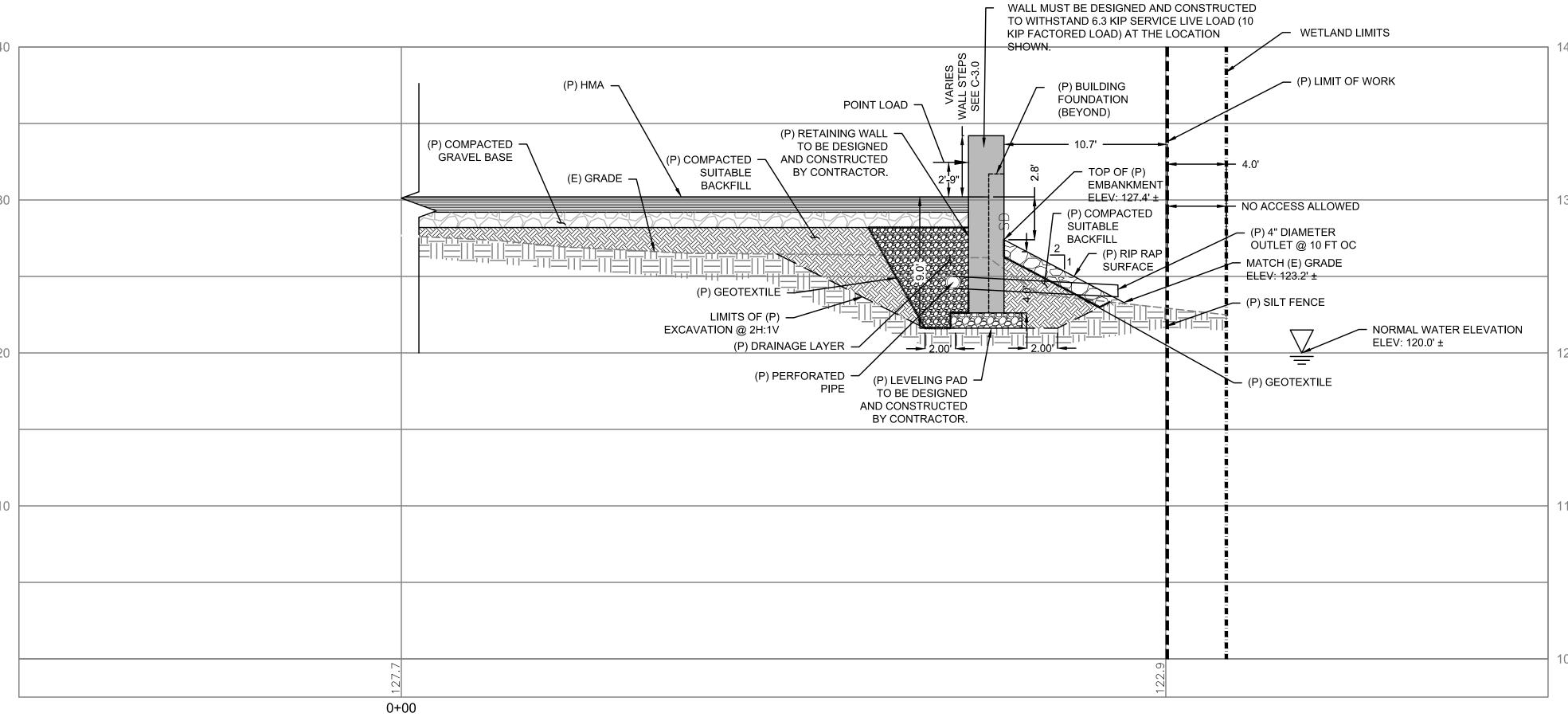
DRAINAGE **PROFILES** 

C-5.00

												I					
								BORING LOG					Boring No.: NB-103				
								Project: Millis DPW Facility - Final Design					Boring Location: See Figure 1				
								oject: Mill	iis DPW Fa	umiy - rinai Design			Explorati	on Location	Plan		
													Checked by:				
nobis										t, Millis, Massachusett	Date S	Start: Nove	mber 25, 20	19_			
								obis Project	No.: <u>9492</u>	0.01	Date Finish: November 25, 2019						
Contractor: Geosearch Inc								a Typo / Mo	dol: A	ATV Track Rig / CME 5	Ground Surface Elev.:						
Contractor: Geosearch, Inc.											Ground Surface Elev.:						
Driller: K. Bylund  Nobis Rep.: K. Kocia										Automatic Hammer	1						
Nobis R	kep.:					-	-   H	ammer Hois	t:	Automatic			:				
Drilling Method Sample					Samp	ler						Observations asing (ft.) Depth to Bottom of Hole (ft.) Stabilization Time					
Type Hollow Stem Auger Split-Spoo			oon	<u> </u>		9	19										
Size ID	(in.)		3-1/4	4		1-3/	8										
Advanc	omor		Auger	nad	14	0-lb Ha	mmer										
			NFORMATI		'4	-		 THOLOGY								1	
Depth (ft.)		Т			PID	Ground Water		Stratum			E DESCRIPT					NOTES	
Ed 8 N		ec 1.)	Depth (ft.)	Blows/ 6 in.	(ppm)	PS⊗	Graphic	Elev. / Depth (ft.)	Depth (Classification Sys			n: Modifie	ed Burmister)			2	
S-	1 1	7	0-2	7	0.8		$\overset{}{\otimes}$			): Medium dense, brov			d fine to coar	se Sand, lit	tle fine	T	
1	+	$\dashv$		7 6			$\bowtie$	FILL / 1.2	l	ery few roots / asphalt						1	
2	2 2			2				ALLUVIUM WITH TRACE \ ORGANICS_	S-1B (7"): -,few roots.	: Medium dense, dark l	orown to br	own, fin	e to coarse S	SAND and S	silt. very		
3 S-	2   1	0	2-4	4 9	2.2			ALLUVIUM	S-2: Medi	ium dense, dark brown	to tan, SIL	T and fi	ne to mediun	n Sand. sev	eral wood		
	$\bot$			11				WITH TRACE ORGANICS	particles /	fragments Moist.							
4 S-	3 1	1	4-6	13 8	0.7			<b></b>	S-3: Madi	ium dense, tan to gray	SII T little	fine to	medium San	d trace Cla	v Moist	-	
5	<u> </u>		<del>-1</del> -0	10	0.1			ALLUVIUM	Redoximo	orphic staining present	within sam	ple.	medium Sam	u, ii due Uid	y. IVIOISE.		
6	+	-		13 11				/6.0									
S-	4 1	7	6-8	9	0.3		¢.U	7 0.0		dense, tan to gray, fin	e to coarse	SAND,	some fine G	ravel, some	Silt, trace	1	
7	$\perp$	$\dashv$		26 26			。 (C		Clay. Moi	st to wet.							
8	$\perp$			21			)										
9	_	$\dashv$				$\Box$	. 0										
						$\nabla$	0										
10 S-	5 6	9	10-12	10	0.2		) ,		S-5: Modi	ium dense, brown, fine	to coarse	GRAVE	l some fine	to coareo S	and trace		
11	<u> </u>		10 12	J.£		, 0		Silt. Wet.	ani dondo, biowii, iiiic	.0 000136	J. 57.V L	_, Joine IIIIe	Jourse O	aria, 1140 <del>0</del>			
12	+	-		9 9			. (										
	$\pm$	$\exists$					): ``	GLACIO-									
13	+	-					, O	FLUVIAL									
14	士						v										
15	+	$\dashv$					) )										
S-	6 1	2	15-17	9	ND		ø , O		S-6: Medi	ium dense, brown to gr	ay to pink,	fine to o	oarse GRAV	EL, some fi	ine to		
16	+	-		9 15			٥٠٠		coarse Sa	and, trace Silt. wet.							
17	$\pm$			22			0. (										
18	+	$\dashv$					Ø										
10	$\pm$						٥.0										
19 S-	7	9	19-20.2	20	ND			/ 19.0	S-7: \/on/	dense, brown, fine to	narea SAN	VID and	fine to coorce	Gravel co	me Silt	-	
20	<u>'</u>			35	מוי		600	GLACIAL TILL / 20.2	wet.	aciae, biowii, iiile (0	Joaise SAI	₁D allu	mie io cogist	, Ciavel, 80	me ont.		
21	+	-		50/2"/			٧.٨	, 20.2	Boring ter	rminated at 20.2 feet.						1	
	士																
22	$\bot$	$\dashv$															
23	$\pm$	_															
	$\top$	$\Box$															
24	+	$\dashv$															
25			T.														
	ercer				OTES:			N. J. 20 "									
race	5 - 10 -		very fe few	ew   1	i) Bore 2) PID	nole b based	ackfi I on h	lled with soil eadspace so	cuttings. creening m	ethodologies utilizing a	MiniRae 2	000, 10	.6 eV, PID ca	llibrated to i	sobutylene.		
little some and	20 - 35 -		severa														

Contractor: Geosearch, Inc.  Driller: K. Bylund  Nobis Rep.: K. Kocia								oject: <u>Milli</u>		RING LOG	Boring No.: NB-104  Boring Location: See Figure 1  Exploration Location Plan					
										et, Millis, Massachusett 20.01	Date :	Checked by:  Date Start: November 25, 2019  Date Finish: November 25, 2019				
										ATV Track Rig / CME 5 Automatic Hammer Automatic	-	Ground Surface Elev.:				
Nobis Rep.: K. Kocia  Drilling Method Sample								110101			undwater		n:			
Type Hollow Stem Auger Split-Spoo				ooon	Date	Time 9 12:45	Depth Below Ground (ft.) 10.2	Depth of C		Depth to Bottom of Hole (ft.) 16.5	Stabilization T					
Size	ID (in	.)	3-1/-	4		1-3/	8	¥ 11/23/1	9 12.43	10.2	10.	.5	10.3	3111111		
Adva	ancem	ent	Auger	ed	14	IO-lb H	ammer									
(fr.)	SA	MPLE	INFORMAT	ION	PID	nd er		THOLOGY	<u> </u>	SAMPI	E DESCRIP	TION ANI	D REMARKS			
Depth (ft.)	Type & No.	Rec (in.)	Depth (ft.)	Blows/ 6 in.	(ppm)	Ground	Graphic	Stratum Elev. / Depth (ft.)					ed Burmister)			
1	S-1	16	0-2	5 5	0.3		XXX	70.3 FILL /	S-1A (3")	: Loose to medium der Gravel. very few roots	se, dark b	rown to	gray, SILT and fine to co	arse Sand, <sub>/</sub>		
				5					S-1B (13)	'): Loose to medium de	nse, brow	n to tan	, fine to medium SAND a oximorphic staining prese	nd Silt,		
2	S-2	12	2-4	2	1.1			ALLUVIUM WITH TRACE ORGANICS	sample.	•			d fine to medium Sand. v			
3				2					organic p	ockets and organic fibe	ers Moist.	SILT all	a line to mediam Sana. V	ery lew		
4 5	S-3	21	4-6	3 3 5	0.6			/ 4.0	S-3: Loose, dark brown to brown, SILT, some fine to coarse Sand, trace fine Gravel.  Moist.							
6	S-4	17	6-8	15 10	0.1			/ 6.0	S-4: Ven	dense orangish-brow	n to brown	to tan	fine to coarse SAND little	- Silt trace		
7	3-4	-17	0-0	30 31	0.1		. 0		S-4: Very dense, orangish-brown to brown to tan, fine to coarse SAND, little Silt, trace fine Gravel. Moist to wet. Redoximorphic staining present within sample.							
8				28			) Ø									
9							, O									
10						· ⊻	) · ()									
11	S-5	16	10-12	17 11	ND	<u> </u>	, O	01.4010	S-5: Med trace Silt.		rown to tai	n, fine to	coarse SAND, little fine	Gravel,		
12				15 28			. 0	GLACIO- FLUVIAL								
13							0									
14							, O									
							, C									
15	S-6	10	15-16.3	25	ND		ø		S-6: Very	dense, gray to white,	ine to coa	rse SAN	ID and fine to coarse Gra	vel, little		
16				45 50/3"/		-	٠. ٢	/ 16.5		few weathered rock fra			vvei.			
17									Boring te	rminated at 16.5 feet o	n auger re	fusal.				
18																
19																
20																
21																
22																
23																
24																
25																
Soil		entag			IOTES											
race little		5 - 10 ) - 20	very fe					lled with soil eadspace sc		ethodologies utilizing a	MiniRae :	2000. 10	0.6 eV, PID calibrated to i	sobutylene		





SECTION AT (P) RETAINING WALL

TO BE DESIGNED AND CONSTRUCTED BY CONTRACTOR

1"=5"

MILLIS DEPARTMENT
OF PUBLIC WORKS
FACILITIES
RENOVATIONS &
ADDITIONS
7 WATER ST MILLIS, MA 02054

ARCHITECT
TAYLOR & BURNS
ARCHITECT S

58 WINTER STREET
BOSTON, MA 02108
Phone: 617-357-5335
Fax: 617-354-5654
www.TaylorBurns.com

SIMPSON GUMPERTZ & HEGER

Engineering of Structures and Building Enclosures

Simpson Gumpertz & Heger Inc.
480 Totten Pond Road
Waltham, Massachusetts 02451
main: 781.907.9000 tax; 781.907.9009
www.sgh.com

Bostor
Chicage
Houston
Los Angele
New Yorl
San Francisc
Washington, DC

MECHANICAL ELECTRICAL
PLUMBING ENGINEERING

GARCIA GALUSKA & DESOUSA

CONSULTING ENGINEERS INC.

375 Faunce Road Suite D
Dartmouth, MA 02747
Phone: 508-998-5700
Fax: 508-998-0883
www.g-g-d.com

GEOTECHNICAL ENGINEER

NOBIS ENGINEERING

18 Chenell Drive Concord, NH 03301 Phone: 603-513-1019 www.nobis-group.com

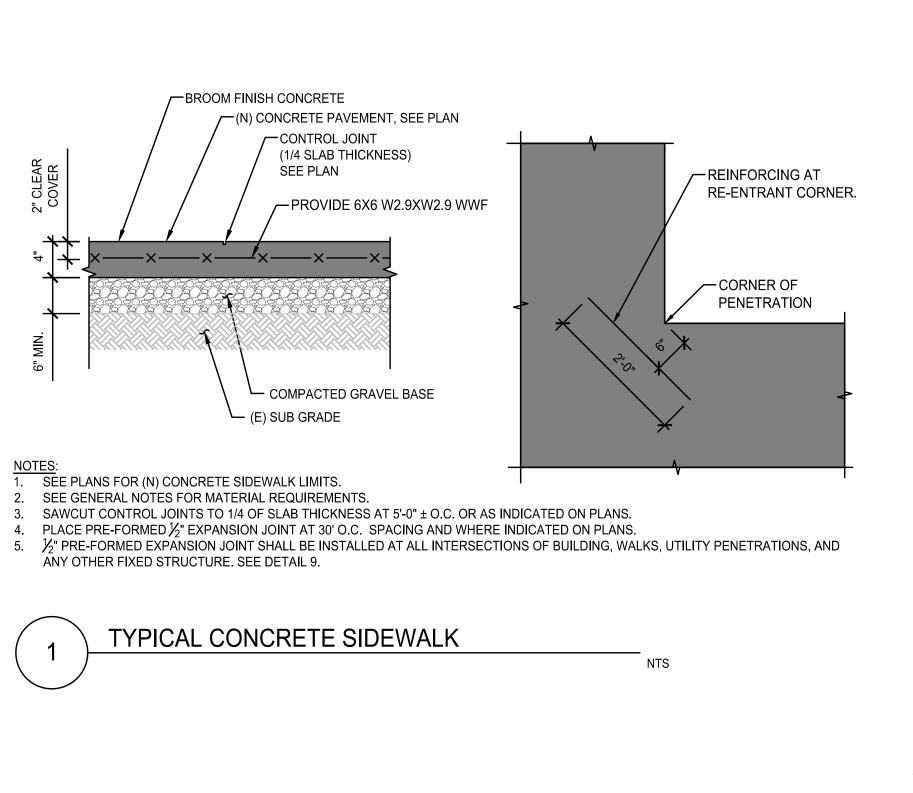
REFERENCE ONLY

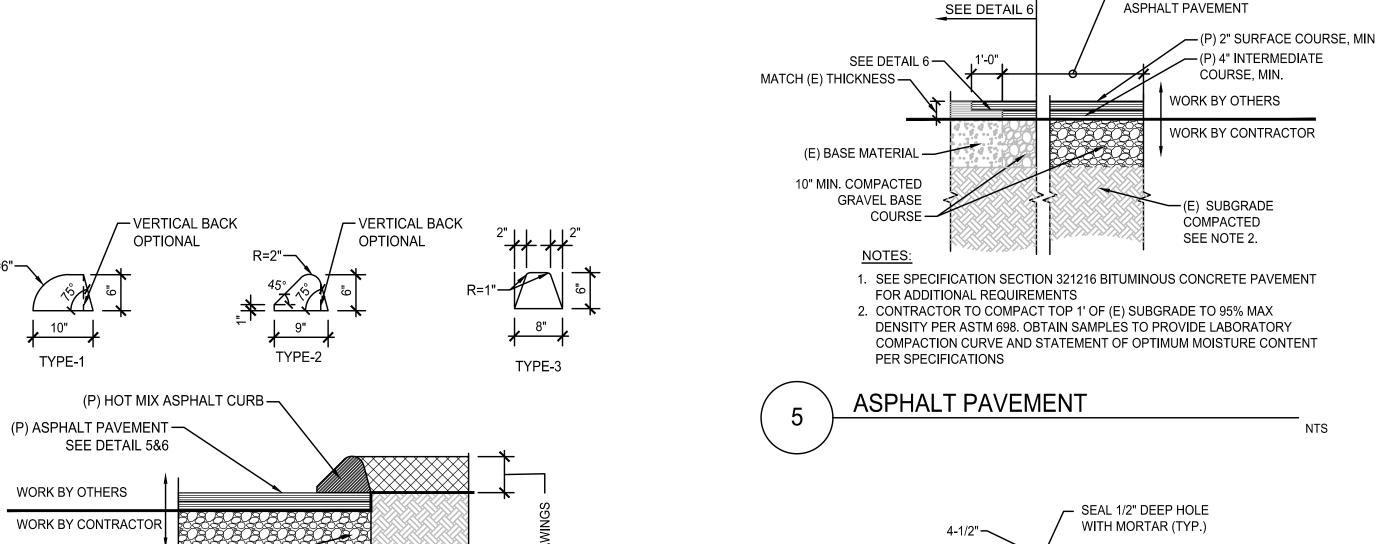
**CONFORMED SET** 

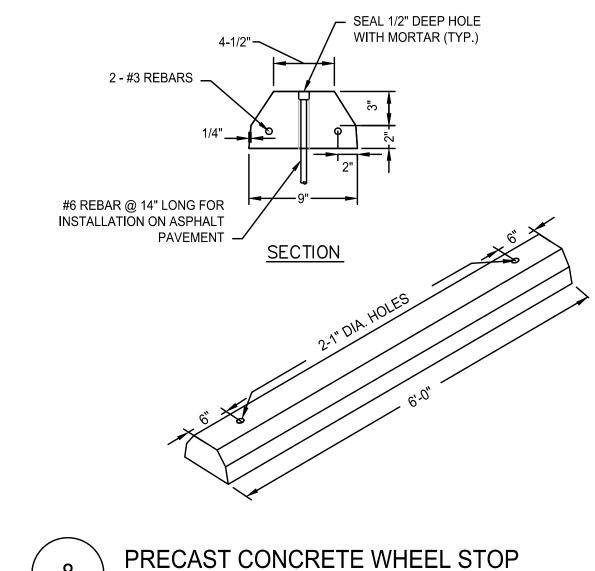
11/17/2020

CONSTRUCTION SECTIONS

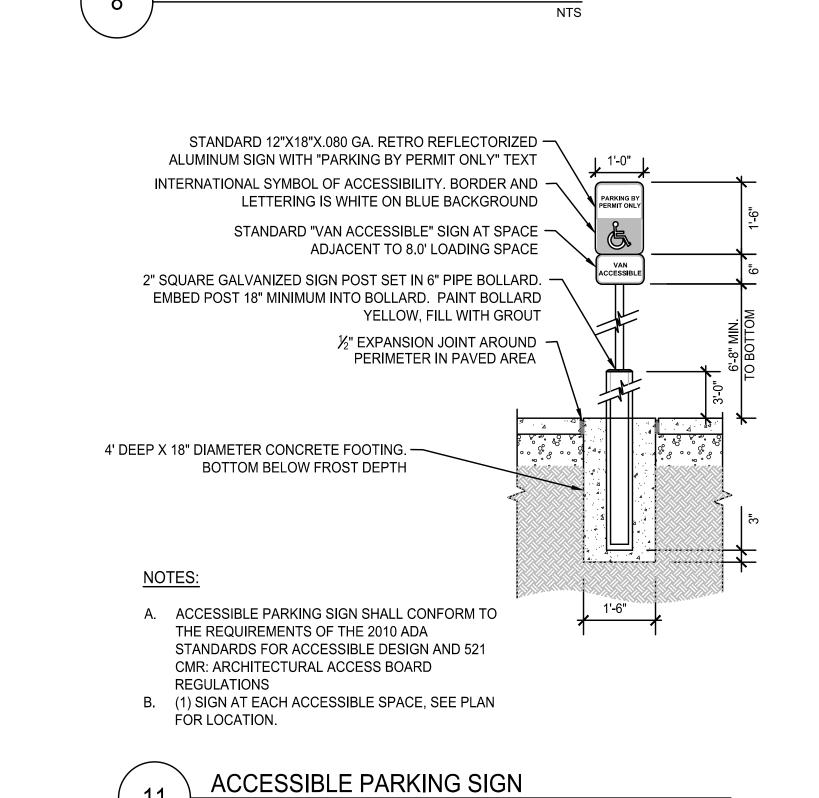
C-5.01

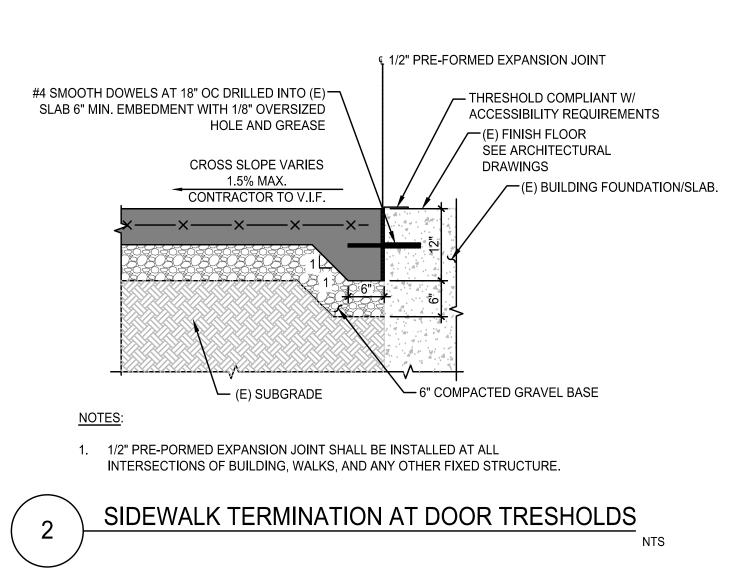


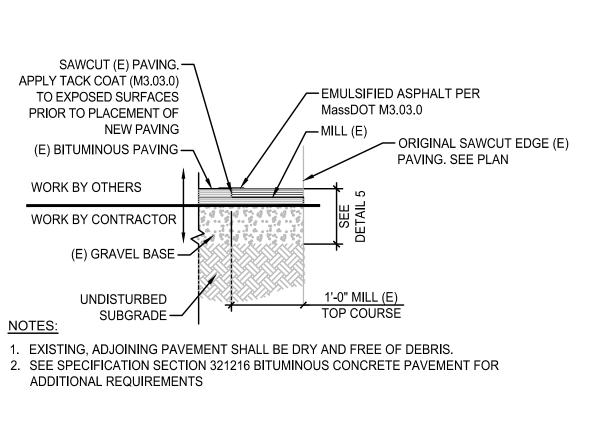




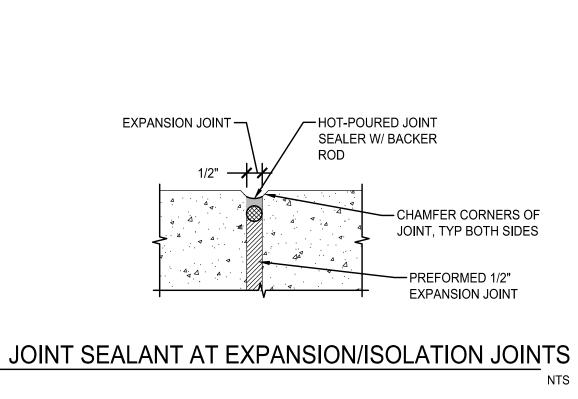
SEE SITE PLAN FOR LIMITS OF (P)

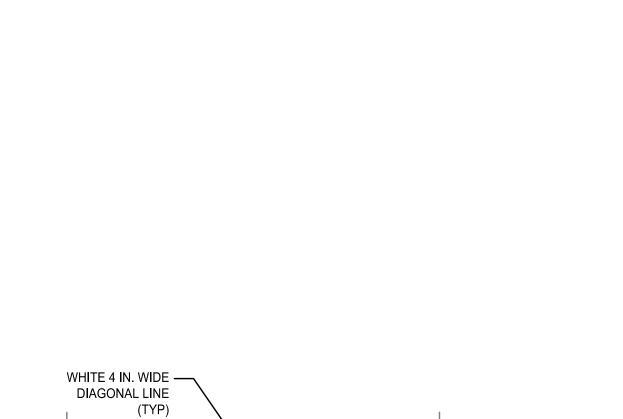


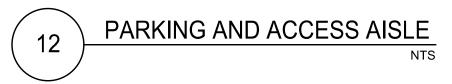


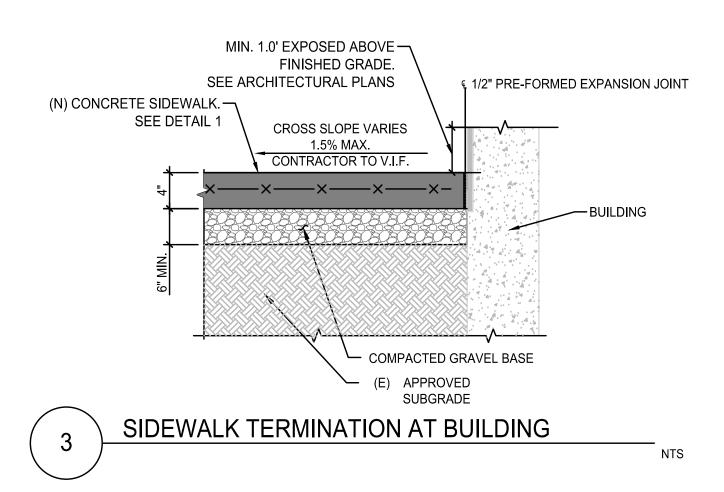


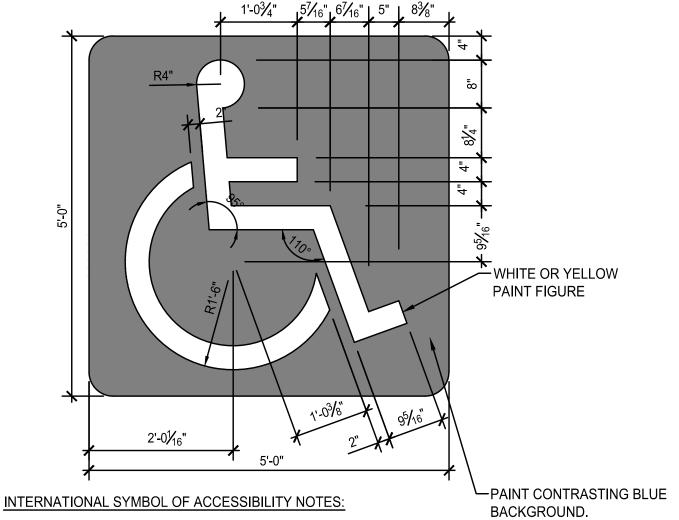












NO BACKGROUND PAINT A. SYMBOL TO BE CENTERED ON WIDTH OF PARKING STALL. REQUIRED IF WHITE OR B. BOTTOM OF SYMBOL TO BE LOCATED 6'-6" FROM ACCESS DRIVE, YELLOW FIGURE IS ON INTO PARKING SPACE.

BLACK ASPHALT. C. SYMBOL IS REQUIRED TO CONTRAST WITH BACKGROUND. INTERNATIONAL SYMBOL OF ACCESSIBILITY

NTS

KEY PLAN

MILLIS DEPARTMENT

OF PUBLIC WORKS

**FACILITIES** 

**RENOVATIONS &** 

**ADDITIONS** 

7 WATER ST MILLIS, MA 02054

TAYLOR & BURNS

SIMPSON GUMPERTZ & HEGER

GARCIA GALUSKA & DESOUSA CONSULTING ENGINEERS INC.

58 WINTER STREET

BOSTON, MA 02108

Fax: 617-354-5654 www.TaylorBurns.com

Phone: 617-357-5335

CIVIL & STRUCTURAL ENGINEERS

malin: 781,907,9000 fax; 781,907,9009

375 Faunce Road Suite D Dartmouth, MA 02747

Phone: 508-998-5700 Fax: 508-998-0883 www.g-g-d.com

GEOTECHNICAL ENGINEER

18 Chenell Drive

Concord, NH 03301

Phone: 603-513-1019

www.nobis-group.com

**NOBIS ENGINEERING** 

www.sgh.com

MECHANICAL ELECTRICAL

PLUMBING ENGINEERING

ARCHITECTS

Engineering of Structures

and Building Enclosures

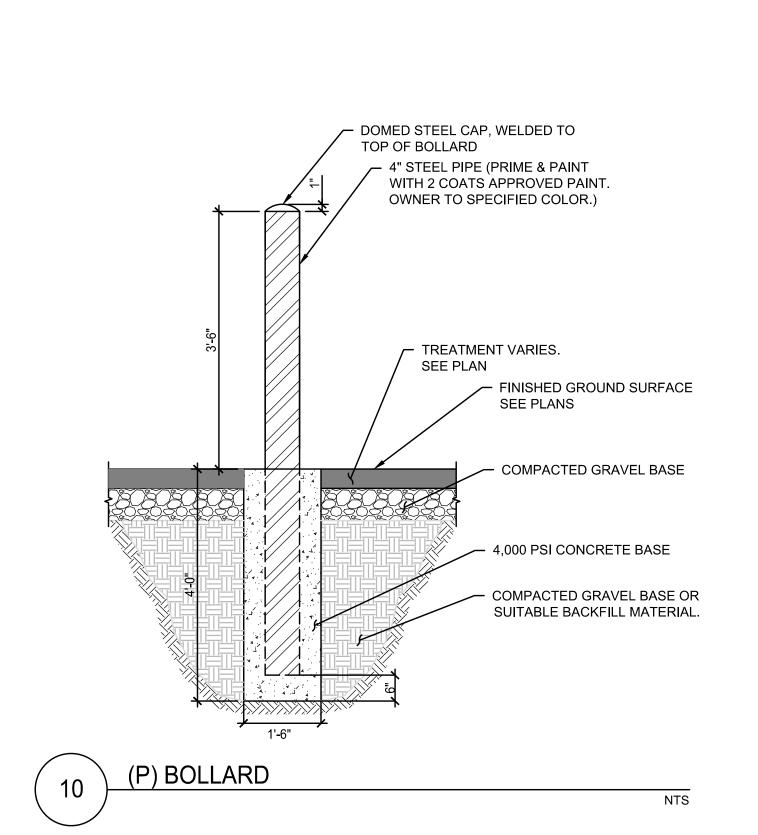
DESCRIPTION

CONFORMED SET

11/17/2020

CIVIL DETAILS (1 OF 3)

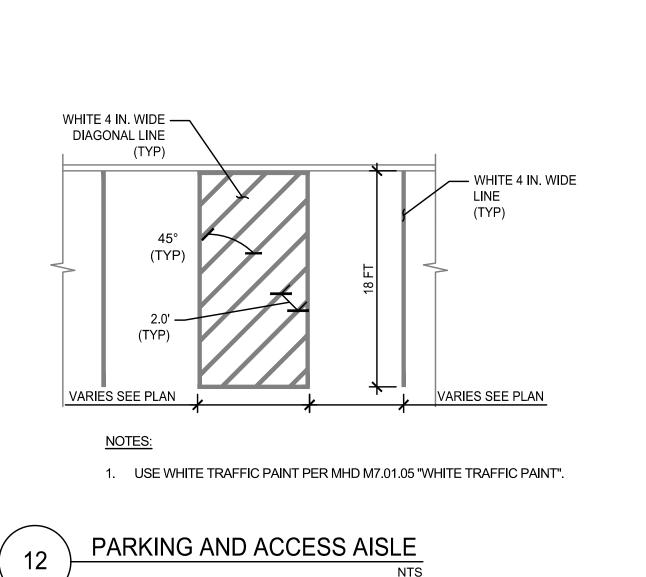
C-6.00

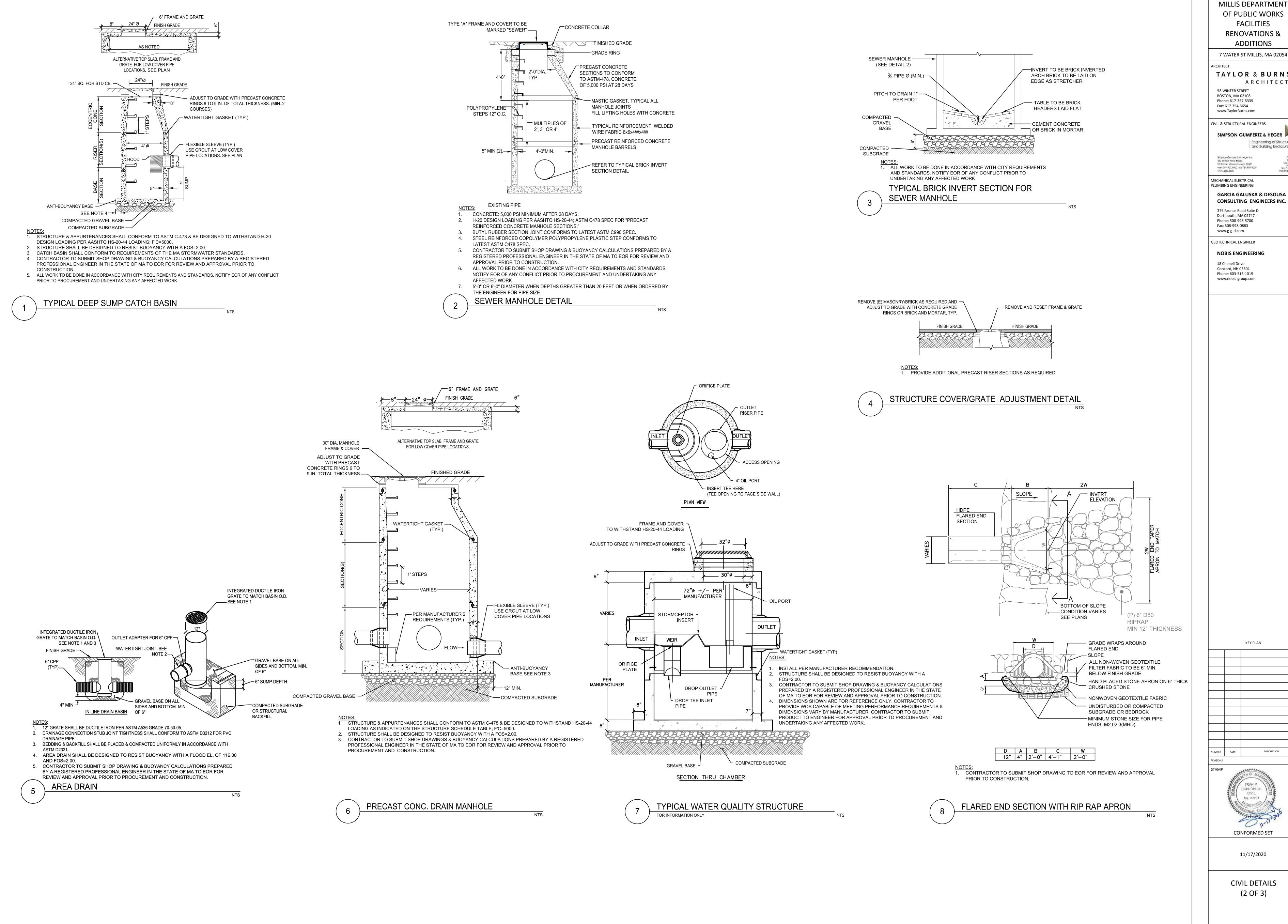


**BITUMINOUS CURB DETAL** 

(E) COMPACTED SUBGRADE

COMPACTED — **GRAVEL BASE** 





OF PUBLIC WORKS **FACILITIES RENOVATIONS & ADDITIONS** 7 WATER ST MILLIS, MA 02054 TAYLOR & BURNS ARCHITECTS 58 WINTER STREET BOSTON, MA 02108 Phone: 617-357-5335 Fax: 617-354-5654 www.TaylorBurns.com CIVIL & STRUCTURAL ENGINEERS SIMPSON GUMPERTZ & HEGER Engineering of Structures and Building Enclosures main: 781.907.9000 fax; 781.907.9009 MECHANICAL ELECTRICAL PLUMBING ENGINEERING GARCIA GALUSKA & DESOUSA CONSULTING ENGINEERS INC. 375 Faunce Road Suite D Dartmouth, MA 02747 Phone: 508-998-5700 Fax: 508-998-0883 GEOTECHNICAL ENGINEER **NOBIS ENGINEERING** 

KEY PLAN

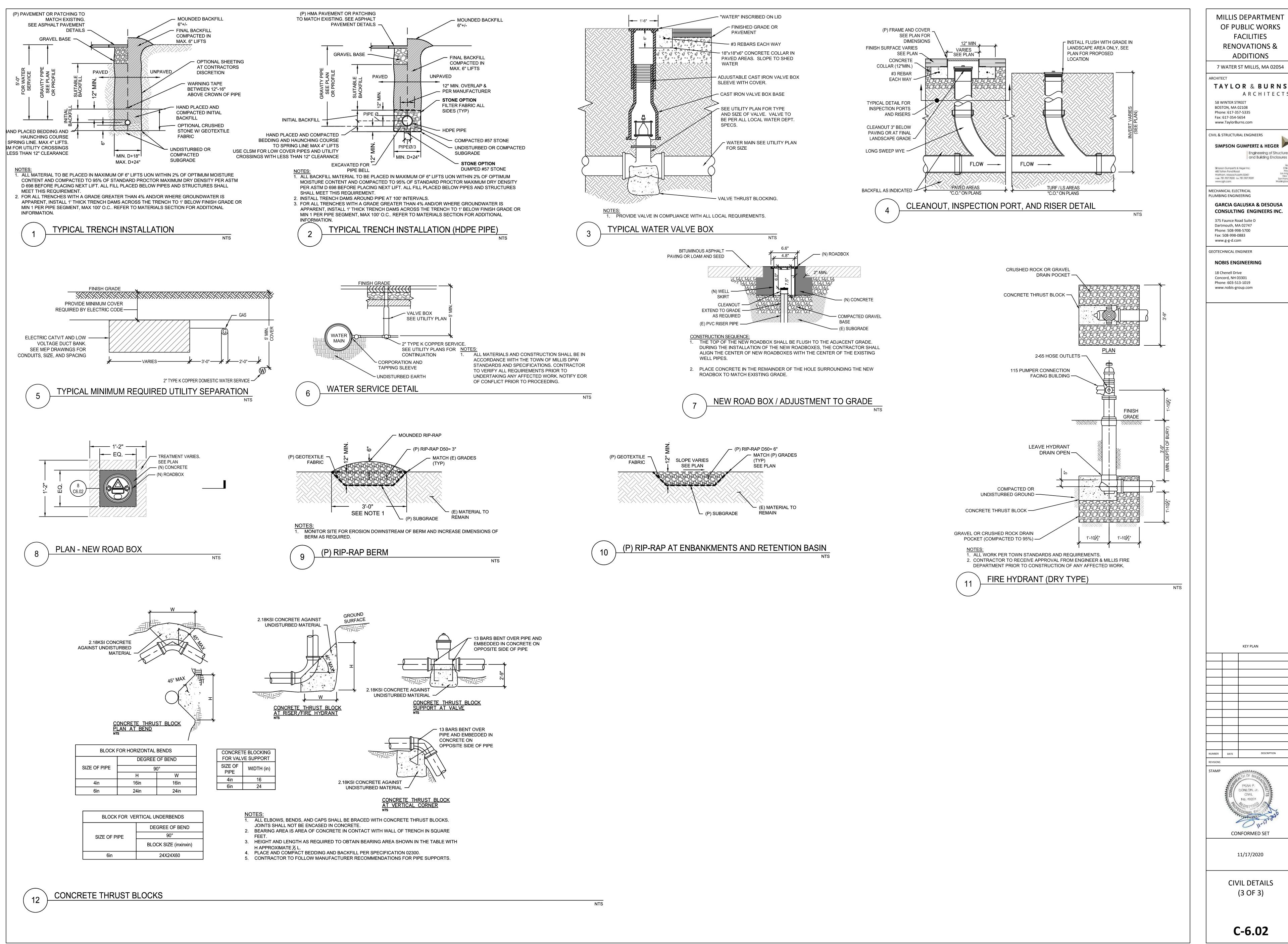
DESCRIPTION



11/17/2020

CIVIL DETAILS (2 OF 3)

C-6.01



MILLIS DEPARTMENT OF PUBLIC WORKS **FACILITIES RENOVATIONS &** 

**ADDITIONS** 

ARCHITECTS

Engineering of Structures

and Building Enclosures

C-6.02

11/17/2020

(3 OF 3)

KEY PLAN

DESCRIPTION



## **TOWN OF MILLIS**

Richard Nichols, *Chai*r Nicole Riley, *Clerk* George Yered Bodha B. Raut Chhetry Alan Handel Joshua Guerrero, Associate

Camille Standley Administrative Assistant cstandley@millisma.gov

#### OFFICE OF THE PLANNING BOARD 900 Main Street • Millis, MA 02054

000 Main Street • Millis, MA 02054 Phone: 508-376-7045 Fax: 508-376-7053

#### NOTICE OF PUBLIC HEARING

In accordance with the provisions of M.G.L. Chapter 40A, Section 11, the Planning Board will hold a remote public hearing on Tuesday, January 12, 2021, at 7:30 p.m., via ZOOM platform. The agenda with login information will be posted on the Planning Board's webpage (http://www.millisma.gov/planning-board) 48 hours prior to the public hearing. The Town of Millis DPW is requesting a Special Permit for Site Plan Approval for the DPW facilities renovation and additions project at 7 Water St., Millis, MA. Assessor Map 52 Parcel 19.

A copy of the application and site plan is on file in the office of the Town Clerk and on the Planning Board's web page: http://www.millisma.gov/planning-board

Any person interested or wishing to be heard on the application should appear at the time and place designated.

Richard Nichols Chair

December 23, 2020 December 30, 2020

cc: Applicant/Engineer

Select Board

R. Weiss, Economic Dev./Planning Dir.

Town Clerk

**BOH** 

Building Dept.

File